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1990
Apr-June

NATIONAL INSTITUTES OF HEALTH

NEW GRANTS AND AWARDS

Arranged by State, City and Institution

Announced during

APRIL, MAY, JUNE 1990

DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service

AUGUST 1990

DIVISION OF RESEARCH GRANTS

Jerome G. Green, M.D.
Director

INFORMATION SYSTEMS BRANCH

Associate Director for Information Systems
Nicholas J. Suszynski, Jr.

Reports, Analysis, and Presentations Section
Lucille Nierzwicki, Acting Chief

Research Documentation Section
James C. Cain, Chief

Data Management and Control Section
Emily J. Mitchell, Acting Chief

Information Systems Management Section
Dolly A. Sparkman, Chief

Advanced Projects Section
Judy W. White, Chief

United States. National Institutes of Health
" Division of Research Grants. Statistics and Analysis Branch

NIH NEW GRANTS AND AWARDS

APRIL, MAY, JUNE 1990

Department of Health and Human Services
Public Health Services

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National Institutes of Health

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FOREWORD

THE NATIONAL INSTITUTES OF HEALTH (NIH) NEW GRANTS AND AWARDS is a quarterly listing of new NIH extramural awards. The publication reflects current funding actions on a quarterly basis, and presents an up-to-date picture of NIH biomedical research support. The data includes titles of the research grant awards, project identification numbers, principal investigators' names with their affiliated institutions, and the amount of award. This data is organized by city and state. The publication has been in existence for over twenty years, first appearing as a monthly inventory.

The current publication lists over 1,960 new awards made from April through June, 1990. Of the total, 79.5 percent were research grants, 11.5 percent research and development contracts, and 5 percent training and fellowship awards. The remaining 4.0 percent was allocated to research career program awards, construction projects, and grants to medical libraries. This quarter, $247,026,810 of the total 1990 NIH research budget were earmarked for scientific investigations. The National Cancer Institute (NCI) and National Heart Lung and Blood Institute (NHLBI) were the top funding institutes, supporting 19.8 and 16.4 percent of the total awarded amount, respectively. Five hundred seventy (570) institutions in 47 states, 2 territories, the District of Columbia and 9 foreign countries received support.

THE NIH NEW GRANTS AND AWARDS publication is similar to NIH Research Grants and the NIH R & D Contracts, Grants for Training, Construction, and Medical Libraries publications which provide an annual listing of all NIH support. Other publications or reports available from the Reports, Analysis, and Presentations Section of the Information Systems Branch, Division of Research Grants include: **(1)** DRG Peer Review Trends, a two-volume set which examines (a) the long term trends in both the workload and actions of the Study Sections and Institute Review Groups and (b) highlights characteristics of the Initial Review Group members; **(2)** NIH Extramural Trends, which reviews NIH extramural trends during a ten year period; **(3)** the NIH Data Book, which provides basic financial information relating to research programs at the NIH; and, **(4)** Ranking Tables, which list all organizations receiving NIH extramural support ranked by total dollars awarded in the current year.

We would appreciate any comments or suggestions that will enhance the publication.

Dorrette F. Worrell, Head
Statistical Analysis Unit, Room 1A15

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F05	INTERNATIONAL FELLOWSHIPS (NIC)PS (FIC)
F06	SENIOR INTERNATIONAL FELLOWSHIPS (FIC)
F15	FOGARTY INTERNATIONAL SCHOLARSHIPS (FIC)
F20	FRENCH, SWISS, SWEDISH, POSTDOCTORAL FELLOWSHIPS
F31	PREDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD
F32	POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD
F33	NATIONAL RESEARCH SERVICE AWARD FOR SENIOR FELLOWS
F34	MARC (NRSA) FACULTY FELLOWSHIPS (NIGMS)
F35	INTRAMURAL NRSA INDIVIDUAL POSTDOCTORAL PROGRAM APPOINTEE
F36	MARC VISITING SCIENTIST FELLOWSHIPS (NIGMS)
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K07	ACADEMIC INVESTIGATOR AWARD
K08	CLINICAL INVESTIGATOR AWARD
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R03	SMALL RESEARCH GRANTS
R13	CONFERENCES (TRADITIONAL)
R15	ACADEMIC RESEARCH ENHANCEMENT AWARDS (AREA)
R18	RESEARCH DEMONSTRATION & DISSEMINATION PROJECTS
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R22	U.S.-JAPAN COOPERATIVE MEDICAL SCIENCE PROGRAM
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R37	METHOD TO EXTEND RESEARCH IN TIME (MERIT) AWARDS
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S03	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM (NCRR)
S06	MINORITY BIOMEDICAL SUPPORT--MBS (NCRR)
S07	BIOMEDICAL RESEARCH SUPPORT GRANT (NCRR)
S10	BIOMEDICAL RESEARCH SUPPORT SHARED INSTRUMENTATION GRANTS (NCRR)
S14	MINORITY BIOMEDICAL RESEARCH SUPPORT GRANT PROGRAM FOR UNDERGRADUATE COLLEGES (NCRR)
S15	SMALL INSTRUMENTATION PROGRAM
T32	INSTITUTIONAL NATIONAL RESEARCH SERVICE AWARD
T34	MARC UNDERGRADUATE NSA INSTITUTIONAL GRANTS TRAINING
U01	RESEARCH PROJECT (COOPERATIVE AGREEMENTS)
U10	COOPERATIVE CLINICAL RESEARCH (COOPERATIVE AGREEMENTS)

AG	National Institute on Aging
AI	National Institute of Allergy and Infectious Diseases
AR	National Institute of Arthritis and Musculoskeletal and Skin Diseases
CA	National Cancer Institute
CB	Division of Cancer Biology and Diagnosis
CM	Division of Cancer Treatment
CN	Division of Cancer Prevention and Control
CO	Office of the Director, NCI
CP	Division of Cancer Etiology
CL	Clinical Center
CT	Division of Computer Research and Technology
DC	National Institute on Deafness and Other Communication Disorders
DE	National Institute of Dental Research
DK	National Institute of Diabetes and Digestive and Kidney Diseases
ES	National Institute of Environmental Health Sciences
EY	National Eye Institute
GM	National Institute of General Medical Sciences
HD	National Institute of Child Health and Human Development
HG	National Center for Human Genome Research
HL	National Heart, Lung, and Blood Institute
HB	Division of Blood Diseases and Resources
HC	Division of Epidemiology and Clinical Applications
HI	Division of Intramural Research
HO	Office of the Director, NHLBI
HR	Division of Lung Diseases
HV	Division of Heart and Vascular Diseases
LM	National Library of Medicine
OD	Office of the Director, NIH
DS	Division of Safety
NR	National Center for Nursing Research
NS	National Institute of Neurological Disorders and Stroke
RG	Division of Research Grants
RR	National Center for Research Resources
RS	Division of Research Services
TW	Fogarty International Center

NIH EXTRAMURAL PROJECTS AWARDED APRIL, MAY, AND JUNE 1990

	RESEARCH GRANTS*		RESEARCH CAREER PROGRAM AWARDS		R & D CONTRACTS		TRAINING GRANTS		FELLOWSHIP AWARDS		CONSTRUCTION GRANTS		MEDICAL LIBRARY GRANTS	
ICD	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS
AG	61	9,101,123	8	531,723	0	0	6	432,222	7	172,250	0	0	0	0
AI	181	23,986,313	6	383,992	7	5,251,153	0	0	14	368,000	0	0	0	0
AR	54	4,154,082	5	350,599	1	391,861	0	0	6	162,250	0	0	0	0
CA	241	37,104,123	11	736,068	0	0	5	570,970	12	303,750	2	1,572,519	0	0
CM	0	0	0	0	12	3,743,494	0	0	0	0	0	0	0	0
CN	0	0	0	0	2	1,958,997	0	0	0	0	0	0	0	0
CO	0	0	0	0	18	715,560	0	0	0	0	0	0	0	0
CP	0	0	0	0	6	2,115,386	0	0	0	0	0	0	0	0
DC	21	2,528,321	5	327,023	0	0	0	0	7	165,000	0	0	0	0
DE	21	2,777,983	3	389,747	1	335,246	0	0	2	69,000	0	0	0	0
DK	89	15,445,107	16	1,136,847	1	700,130	5	342,978	9	253,000	0	0	0	0
ES	30	4,472,657	1	63,806	15	5,261,186	6	412,814	8	197,250	0	0	0	0
EY	29	2,804,742	0	0	11	1,556,823	3	351,591	14	351,000	0	0	0	0
GM	187	17,279,515	2	135,540	0	0	19	1,711,065	63	1,408,867	0	0	0	0
HC	0	0	0	0	1	1,198,935	0	0	0	0	0	0	0	0
HD	44	6,089,692	3	197,348	4	515,582	5	495,701	20	529,750	0	0	0	0
HG	16	3,271,022	0	0	0	0	0	0	0	0	0	0	0	0
HI	0	0	0	0	1	421,880	0	0	0	0	0	0	0	0
HL	227	33,470,392	42	2,956,817	0	0	2	244,549	56	1,524,750	0	0	0	0
HO	0	0	0	0	1	265,257	0	0	0	0	0	0	0	0
HV	0	0	0	0	2	454,528	0	0	0	0	0	0	0	0
LM	6	323,801	0	0	4	130,223	0	0	0	0	0	0	3	153,415
NR	19	2,959,199	1	64,215	0	0	1	50,868	15	202,500	0	0	0	0
NS	42	4,828,804	4	251,507	13	2,819,333	5	488,447	17	385,750	0	0	0	0
OD	0	0	0	0	1	111,507	0	0	0	0	0	0	0	0
RR	121	25,731,395	0	0	2	470,278	0	0	0	0	5	603,733	0	0
TW	0	0	0	0	0	0	0	0	51	1,231,959	0	0	0	0
Total	1,389	196,328,271	107	7,525,232	103	28,417,359	57	5,101,205	301	7,325,076	7	2,176,252	3	153,415

*Includes Cancer Control Grants and Cooperative Agreements

SUMMARY OF AWARDS TO U. S. STATES AND FOREIGN COUNTRIES FOR APRIL, MAY, AND JUNE 1990

	Number of Projects	Total Dollars
ALABAMA	28	3,861,536
ARIZONA	11	1,118,897
ARKANSAS	5	428,614
AUSTRALIA	3	421,697
CALIFORNIA	237	32,622,425
CANADA	5	471,536
CHINA	1	15,500
COLORADO	40	3,967,897
CONNECTICUT	48	5,991,247
DELAWARE	1	16,280
DIST OF COL	25	3,010,347
FINLAND	1	78,880
FLORIDA	21	1,934,118
GEORGIA	29	3,242,063
HAWAII	4	1,451,517
IDAHO	1	7,192
ILLINOIS	65	7,338,796
INDIANA	22	2,308,516
IOWA	24	2,462,064
ISRAEL	1	88,830
KANSAS	9	734,941
KENTUCKY	16	1,753,527
LOUISIANA	16	1,564,496
MAINE	5	647,252
MARYLAND	125	16,488,409
MASSACHUSETTS	217	25,186,840
MICHIGAN	62	7,670,898
MINNESOTA	46	9,119,559
MISSISSIPPI	5	360,181
MISSOURI	49	4,756,339
MONTANA	6	455,290
NEBRASKA	11	1,196,725
NEVADA	2	116,694
NEW HAMPSHIRE	12	1,635,066
NEW JERSEY	17	1,510,366
NEW MEXICO	11	853,085
NEW YORK	171	25,495,687
NEW ZEALAND	1	25,270
NORTH CAROLINA	55	6,304,017
OHIO	59	7,943,608
OKLAHOMA	6	565,634
OREGON	21	2,196,348
PENNSYLVANIA	123	15,742,894
PUERTO RICO	2	724,493
RHODE ISLAND	26	1,031,984
SOUTH CAROLINA	8	810,582
SOUTH DAKOTA	2	78,687
SWEDEN	1	94,586
SWITZERLAND	1	20,000
TENNESSEE	42	6,476,028
TEXAS	100	13,351,112
UNITED KINGDOM	2	38,970
UTAH	15	1,443,212
VERMONT	12	2,284,571
VIRGIN IS (US)	1	3,000
VIRGINIA	33	3,721,062
WASHINGTON	60	6,708,197
WEST VIRGINIA	3	359,471
WISCONSIN	42	6,719,777
Total	**1,967**	**247,026,810**

SUMMARY OF AWARDS TO INSTITUTIONS FOR APRIL, MAY, AND JUNE 1990

	NUMBER OF PROJECTS	TOTAL DOLLARS
ABBOTT LABORATORIES	1	578,524
ABELA LASER SYSTEMS	1	50,000
ACTUARIAL RESEARCH CORPORATION	1	40,692
ADVANCED SCIENTIFIC CONCEPTS, INC.	1	49,980
AGOURON INSTITUTE	1	6,757
ALBANY MEDICAL COLLEGE OF UNION UNIV	5	408,884
ALBION COLLEGE	1	27,500
ALLEGHENY-SINGER RESEARCH INSTITUTE	1	5,215
ALTON OCHSNER MEDICAL FOUNDATION	1	5,000
AMERICAN ASSOCIATION FOR CANCER RESEARCH	1	6,000
AMERICAN DENTAL ASSN HEALTH FDN	1	169,000
AMERICAN HEALTH FOUNDATION	3	354,311
AMERICAN NATIONAL RED CROSS	2	392,963
AMERICAN SOCIETY OF CLINICAL ONCOLOGY	1	5,000
AMERICAN SOCIETY OF HUMAN GENETICS	1	34,300
AMERICAN TYPE CULTURE COLLECTION	1	303,131
AMERICAN UNIVERSITY	1	110,250
ANDRULIS RESEARCH CORPORATION	2	99,693
APPLIED RESEARCH CORPORATION	1	49,923
ARIZONA STATE UNIVERSITY	1	81,944
ART LITHO COMPANY	1	49,200
ARTISAN PRINTING, INC.	2	6,083
ASSOCIATED UNIV-BROOKHAVEN NATL LAB	2	207,461
AUBURN UNIVERSITY AT AUBURN	1	106,500
AUDIOLOGICAL ENGINEERING CORPORATION	1	50,000
AVOX SYSTEMS, INC.	1	50,000
BALL STATE UNIVERSITY	2	211,497
BALMAR PRINTING AND GRAPHICS, INC.	2	31,495
BAPTIST MEDICAL CENTERS	1	5,000
BATTELLE MEMORIAL INSTITUTE	2	1,383,657
BATTELLE PACIFIC NORTHWEST DIVISION	2	480,496
BAYLOR COLLEGE OF DENTISTRY	1	91,461
BAYLOR COLLEGE OF MEDICINE	23	3,334,879
BECKMAN RESEARCH INSTITUTE/CITY OF HOPE	1	29,549
BEND RESEARCH, INC.	2	90,129
BENEDICT COLLEGE	1	151,059
BETH ISRAEL HOSP (BOSTON)	2	109,046
BETH ISRAEL MEDICAL CTR (NEW YORK)	1	10,170
BETHESDA EYE INSTITUTE	1	30,500
BEVERLY HOSPITAL (BEVERLY, MA)	1	164,776
BIO-IMAGING RESEARCH, INC.	1	49,682
BIO-METRIC SYSTEMS, INC.	4	200,000

SUMMARY OF AWARDS TO INSTITUTIONS FOR APRIL, MAY, AND JUNE 1990

	NUMBER OF PROJECTS	TOTAL DOLLARS
BIOLOGICAL RESEARCH FACULTY & FACILITY	1	50,000
BIOMAT CORPORATION	1	49,980
BIOMOL RESEARCH LABORATORIES, INC.	1	50,000
BIOPHYSICAL SOCIETY	1	7,000
BIOTECHNICA DIAGNOSTICS	1	50,000
BIOTHERM, INC.	1	50,000
BIRCH AND DAVIS ASSOCIATES, INC.	1	48,026
BLOOD CENTER OF SOUTHEASTERN WISCONSIN	1	1,617,101
BOSTON BIOMEDICAL RESEARCH INSTITUTE	3	196,742
BOSTON COLLEGE	2	25,646
BOSTON UNIVERSITY	12	1,204,396
BRANDEIS UNIVERSITY	7	720,729
BRIGHAM AND WOMEN'S HOSPITAL	24	3,513,010
BRIGHAM YOUNG UNIVERSITY	2	198,387
BRO'S LITHOGRAPHING COMPANY	1	34,344
BROWN UNIVERSITY	6	690,855
BURKE REHABILITATION CTR (WHITE PLNS,NY)	1	8,895
CALAMER CORPORATION	1	49,985
CALIFORNIA BIOTECHNOLOGY, INC.	3	149,790
CALIFORNIA INSTITUTE OF TECHNOLOGY	6	701,920
CALIFORNIA STATE UNIVERSITY LONG BEACH	1	5,000
CALIFORNIA STATE UNIVERSITY LOS ANGELES	2	199,576
CALIFORNIA STATE UNIVERSITY NORTHRIDGE	1	134,627
CAMBRIDGE SCIENTIFIC, INC.	1	50,000
CAPITAL TECHNOLOGY/INFORMATION SERVICES	1	553,561
CARDIOPULMONICS, INC.	1	50,000
CARLETON UNIVERSITY	1	117,887
CARNEGIE INSTITUTION OF WASHINGTON, DC	2	33,310
CARNEGIE-MELLON UNIVERSITY	2	168,414
CAROLINE INSTITUTE	1	94,586
CASE WESTERN RESERVE UNIVERSITY	11	1,601,538
CATHOLIC UNIVERSITY OF AMERICA	2	109,787
CEDARS-SINAI MEDICAL CENTER	3	495,076
CENTER FOR BLOOD RESEARCH	1	310,733
CENTRAL INSTITUTE FOR THE DEAF	1	81,205
CETUS CORPORATION	2	1,939,227
CHAOTIC DYNAMICAL SYSTEMS	1	50,000
CHECKMATE ENGINEERING	1	49,834
CHEMEX PHARMACEUTICALS, INC.	1	50,000
CHILDREN'S HOSPITAL (BOSTON)	8	856,550
CHILDREN'S HOSPITAL AND MEDICAL CENTER	2	151,138
CHILDREN'S HOSPITAL MED CTR (CINCINNATI)	1	154,762

SUMMARY OF AWARDS TO INSTITUTIONS FOR APRIL, MAY, AND JUNE 1990

	NUMBER OF PROJECTS	TOTAL DOLLARS
CHILDREN'S HOSPITAL MED CTR N CA-OAKLAND	1	172,732
CHILDREN'S HOSPITAL OF PHILADELPHIA	3	491,514
CHILDREN'S HOSPITAL OF PITTSBURGH	2	90,016
CHILDREN'S HOSPITAL RESEARCH CENTER	1	5,000
CHILDREN'S MEMORIAL HOSPITAL (CHICAGO)	1	73,440
CHIRON CORPORATION	2	99,961
CLEMSON UNIVERSITY	1	5,000
CLEVELAND CLINIC FOUNDATION	2	317,227
COLD SPRING HARBOR LABORATORY	2	518,772
COLLABORATIVE RESEARCH, INC.	2	451,607
COLLEGE OF MOUNT ST. JOSEPH-ON-THE-OHIO	1	82,500
COLLEGE OF ST. THOMAS	1	80,044
COLLEGE OF STATEN ISLD ST. GEORGE CAMPUS	1	5,000
COLORADO STATE UNIVERSITY	5	781,888
COLORCRAFT OF VIRGINIA	1	1,980
COLUMBIA UNIVERSITY NEW YORK	17	3,172,754
COLUMBIA UNIVERSITY TEACHERS COLLEGE	1	172,897
COMSIS CORPORATION	1	135,719
COR THERAPEUTICS, INC.	1	50,000
CORNELL UNIVERSITY ITHACA	6	817,132
CORNELL UNIVERSITY MEDICAL CENTER	13	1,499,762
CORTEX PHARMACEUTICALS, INC.	1	44,949
COSTABILE ASSOCIATES	1	31,448
CREATIVE BIOMOLECULES, INC.	1	50,000
CREIGHTON UNIVERSITY	3	222,269
CUNY GRADUATE SCH AND UNIV CTR	1	10,983
CYBER ANALYTICS, INC.	1	47,774
DANA-FARBER CANCER INSTITUTE	16	1,865,220
DARTMOUTH COLLEGE	7	1,125,752
DE PAUW UNIVERSITY	1	348,944
DEBORAH RESEARCH INSTITUTE	2	135,705
DNASTAR, INC.	1	50,000
DNX, INC.	1	225,000
DR. W. W. CROSS CANCER INSTITUTE	1	88,425
DREXEL UNIVERSITY	1	8,890
DUKE UNIVERSITY	24	3,121,068
EAGLE DESIGN AND MANAGEMENT, INC.	1	700,130
EAST CAROLINA UNIVERSITY	1	14,809
EAST TENNESSEE STATE UNIVERSITY	1	135,287
EASTERN VIRGINIA MED SCH/MED COL HAMP RD	2	104,524
EASTERN WASHINGTON UNIVERSITY	1	103,040
EIC LABORATORIES, INC.	1	49,959

SUMMARY OF AWARDS TO INSTITUTIONS FOR APRIL, MAY, AND JUNE 1990

	NUMBER OF PROJECTS	TOTAL DOLLARS
ELEANOR ROOSEVELT INST FOR CANCER RES	1	117,000
EMBRYONICS, INC.	1	50,000
EMERSON COLLEGE	1	185,922
EMORY UNIVERSITY	15	2,140,988
ENDOTECH CORPORATION	1	49,762
ENVIRONMENTAL HEALTH RESEARCH & TESTING	2	677,801
ENVIRONMENTAL RESEARCH INST OF MICHIGAN	1	205,134
ERC BIOSERVICES CORPORATION	2	1,004,569
ESTELLE DOHENY EYE FOUNDATION	1	107,989
EUNICE KENNEDY SHRIVER CTR MTL RETARDATN	1	84,109
EVANSTON HOSPITAL	1	5,000
EVERGREEN TECHNOLOGIES, INC.	1	43,571
EXOCELL, INC.	1	48,625
EYE AND EAR HOSPITAL OF PITTSBURGH	1	186,359
EYE AND EAR INSTITUTE OF PITTSBURGH	1	126,682
EYE RESEARCH INSTITUTE OF RETINA FDN	1	174,338
FACILITIES MANAGEMENT COMPANY, INC.	1	37,800
FATHER FLANAGAN'S BOYS' HOME	2	129,729
FAULKNER HOSPITAL (BOSTON)	1	135,343
FEDERATION OF AMER SOC FOR EXPER BIO	5	37,680
FINE ARTS PRINTING CO.	1	40,700
FISCHER IMAGING CORPORATION	1	50,000
FLORIDA INSTITUTE OF TECHNOLOGY	1	124,863
FORDHAM UNIVERSITY	1	12,439
FORSYTH DENTAL CENTER	2	231,528
FOSTER-MILLER, INC.	1	46,617
FOX CHASE CANCER CENTER	4	503,599
FRED HUTCHINSON CANCER RESEARCH CENTER	6	1,091,436
GDS TECHNOLOGY, INC.	1	47,949
GEISINGER FOUNDATION	1	8,134
GENELABS, INC.	1	50,000
GENENTECH, INC.	1	20,000
GENETIC THERAPY, INC.	1	48,760
GENEX CORPORATION	1	50,000
GENTEST CORPORATION	1	49,649
GEORGE WASHINGTON UNIVERSITY	1	22,590
GEORGETOWN UNIVERSITY	10	1,982,619
GEORGIA INSTITUTE OF TECHNOLOGY	1	21,539
GEORGIA SOUTHERN COLLEGE	1	383,379
GEORGIA STATE UNIVERSITY	2	77,164
GERONTOLOGICAL SOCIETY OF AMERICA	1	22,000
GETTYSBURG COLLEGE	1	78,179

SUMMARY OF AWARDS TO INSTITUTIONS FOR APRIL, MAY, AND JUNE 1990

	NUMBER OF PROJECTS	TOTAL DOLLARS
GOOD SAMARITAN HOSP & MED CTR(PRTLND,OR)	1	96,955
GORDON RESEARCH CONFERENCES	15	103,374
GRADUATE HOSPITAL (PHILADELPHIA)	1	116,874
GRAMMARIANS, INC.	1	189,302
GULL LABORATORIES, INC.	1	50,000
H. P. KRAUS	1	38,500
HAHNEMANN UNIVERSITY	3	63,022
HAMPTON UNIVERSITY	1	93,069
HARVARD UNIVERSITY	24	1,854,609
HEALTH SCIENCE CENTER AT BROOKLYN	1	174,841
HEALTH SCIENCE CENTER AT SYRACUSE	3	1,478,560
HEALTHCARE EDUCATION ASSOCIATES	1	39,443
HEBREW HOME FOR THE AGED AT RIVERDALE	1	113,671
HEBREW REHABILITATION CENTER FOR AGED	1	189,137
HENRY FORD HOSPITAL	4	1,137,140
HENRY M. JACKSON FDN FOR THE ADV MIL/MED	1	21,427
HOPE COLLEGE	1	103,430
HOSPITAL FOR JOINT DISEASES ORTHO INST	2	213,830
HOSPITAL FOR SPECIAL SURGERY	2	131,660
HOUSTON BIOTECHNOLOGY, INC.	1	50,000
HOWARD UNIVERSITY	2	212,797
ILLINOIS INSTITUTE OF TECHNOLOGY	1	10,000
ILLINOIS STATE UNIVERSITY	3	301,600
IMATRON, INC.	1	50,000
IMPLANT SCIENCES CORPORATION	1	41,953
INDIANA UNIV-PURDUE UNIV AT INDIANAPOLIS	8	973,144
INDIANA UNIVERSITY BLOOMINGTON	2	177,426
INDIVIDUAL AWARD--SIERRA, MARTHA-LUCIA	1	22,475
INFORMATION MANAGEMENT SERVICES	2	754,897
INGALLS MEMORIAL HOSPITAL	1	71,825
INSTITUTE FOR CANCER RESEARCH	2	198,111
INSTRUMENTATION DEVELOPMENT, INC.	1	49,886
INTERNATIONAL SONIC TECHNOLOGIES	1	48,595
INTERSYSTEMS, INC.	1	49,998
J. DAVID GLADSTONE FDN/CARDIOVASCULAR DI	2	65,873
JACKSON LABORATORY	4	642,252
JAMES BELL ASSOCIATES, INC.	2	470,278
JAMES N. GAMBLE INSTITUTE OF MEDICAL RES	1	4,875
JEWISH HOSPITAL OF ST. LOUIS	1	92,572
JOHN B. PIERCE FOUNDATION LAB, INC.	1	146,019
JOHNS HOPKINS UNIVERSITY	40	6,053,739
JOHNSON, BASSIN AND SHAW, INC.	1	391,861

SUMMARY OF AWARDS TO INSTITUTIONS FOR APRIL, MAY, AND JUNE 1990

	NUMBER OF PROJECTS	TOTAL DOLLARS
JOSLIN DIABETES CENTER	3	457,488
JULE, INC.	1	50,000
JWK INTERNATIONAL CORPORATION	1	49,870
KAISER FOUNDATION RESEARCH INSTITUTE	1	441,139
KANSAS STATE UNIVERSITY	1	75,882
KAPIOLANI WOMEN'S & CHILDREN'S MED CTR	1	74,694
KEENE STATE COLLEGE	1	90,738
KENNEDY GRAPHICS	1	21,000
KUAKINI MEDICAL CENTER	1	1,198,935
LA JOLLA CANCER RESEARCH FOUNDATION	2	345,543
LARGE SCALE BIOLOGY CORPORATION	1	50,000
LEHIGH UNIVERSITY	1	120,750
LIDAK BIOPHARMACEUTICALS	1	50,000
LOATS ASSOCIATES, INC.	1	49,302
LOMA LINDA UNIVERSITY	1	14,064
LOS ANGELES COUNTY HARBOR-UCLA MED CTR	2	117,099
LOUISIANA STATE UNIV A&M COL BATON ROUGE	1	17,733
LOUISIANA STATE UNIV MED CTR NEW ORLEANS	7	533,782
LOUISIANA STATE UNIV MED CTR SHREVEPORT	1	115,945
LOVELACE MEDICAL FOUNDATION	1	192,874
LOYOLA UNIVERSITY MEDICAL CENTER	1	16,121
MAGEE-WOMEN'S HOSPITAL	1	14,939
MANHATTAN COLLEGE	1	102,870
MARINE BIOLOGICAL LABORATORY	1	12,387
MARQUETTE UNIVERSITY	2	96,137
MARSHALL UNIVERSITY	1	164,496
MARY IMOGENE BASSETT HOSPITAL	1	6,746
MASON RESEARCH INSTITUTE	1	918,147
MASSACHUSETTS EYE AND EAR INFIRMARY	2	162,436
MASSACHUSETTS GENERAL HOSPITAL	19	3,264,639
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	13	1,659,872
MATTEK CORPORATION	1	45,785
MAYO FOUNDATION	6	708,033
MC DONALD AND EUDY	1	635
MC GILL UNIVERSITY	2	113,538
MC LAUGHLIN RESEARCH INS FOR BIOMED SCIS	1	5,556
MC LEAN HOSPITAL (BELMONT, MA)	1	37,775
MC NAUGHTON PRESS	1	160
MEDICAL BIOLOGY INSTITUTE	2	160,675
MEDICAL COLLEGE OF GEORGIA	5	263,526
MEDICAL COLLEGE OF OHIO AT TOLEDO	2	319,224
MEDICAL COLLEGE OF PENNSYLVANIA	2	227,003

SUMMARY OF AWARDS TO INSTITUTIONS FOR APRIL, MAY, AND JUNE 1990

	NUMBER OF PROJECTS	TOTAL DOLLARS
MEDICAL COLLEGE OF WISCONSIN	9	993,745
MEDICAL PHYSICS, INC.	1	50,000
MEDICAL RESEARCH INSTITUTE OF SAN FRAN	2	198,731
MEDICAL UNIVERSITY OF SOUTH CAROLINA	2	277,315
MEDIMATRIX, INC.	1	50,000
MEDLANTIC RESEARCH FOUNDATION	1	5,000
MEHARRY MEDICAL COLLEGE	3	322,261
MEMORIAL HOSPITAL FOR CANCER & ALLIED DI	5	751,781
MEMORIAL HOSPITAL OF RHODE ISLAND	1	10,786
MEMPHIS STATE UNIVERSITY	1	107,025
MERCER UNIVERSITY MACON	2	191,158
MERCY HOSPITAL AND MED CTR (CHICAGO)	1	69,366
MERCY HOSPITAL OF JANESVILLE (WI)	1	4,000
MIAMI UNIVERSITY OXFORD	1	103,496
MICHIGAN CANCER FOUNDATION	3	355,885
MICHIGAN STATE UNIVERSITY	11	669,959
MINNEAPOLIS MEDICAL RESEARCH FND, INC.	1	75,465
MIRIAM HOSPITAL	1	8,307
MISSISSIPPI STATE UNIVERSITY	1	106,488
MOLECULAR ONCOLOGY, INC.	1	50,000
MOLECULAR OPHTHALMICS, INC.	1	50,000
MOLECULAR VACCINES, INC.	1	50,000
MOLTECH CORPORATION	1	49,743
MONELL CHEMICAL SENSES CENTER	1	21,000
MONTANA STATE UNIVERSITY	3	260,922
MONTEFIORE HOSPITAL (PITTSBURGH)	1	9,208
MOUNT HOLYOKE COLLEGE	1	39,389
MOUNT SINAI MEDICAL CENTER	1	6,742
MOUNT SINAI MEDICAL CENTER (MIAMI BEACH)	1	143,228
MOUNT SINAI SCHOOL OF MEDICINE	5	460,372
MURRAY STATE UNIVERSITY	1	96,081
NANOBEAM CORPORATION	1	49,242
NATIONAL BIOMEDICAL RESEARCH FOUNDATION	2	113,031
NATIONAL BUREAU OF ECONOMIC RESEARCH	1	6,486
NATIONAL JEWISH CTR FOR IMMNLGY/RESP MED	9	721,872
NETROLOGIC, INC.	1	43,102
NEUREX CORPORATION	1	50,000
NEW ENGLAND DEACONESS HOSPITAL	1	30,000
NEW ENGLAND MEDICAL CENTER HOSPITALS,INC	5	206,188
NEW ENGLAND RESEARCH INSTITUTE, INC.	2	1,110,371
NEW MEXICO STATE UNIVERSITY LAS CRUCES	1	10,236
NEW YORK MEDICAL COLLEGE	2	385,978

SUMMARY OF AWARDS TO INSTITUTIONS FOR APRIL, MAY, AND JUNE 1990

	NUMBER OF PROJECTS	TOTAL DOLLARS
NEW YORK STATE CNCL FOR MTL HYGIENE PLNG	1	30,106
NEW YORK STATE DEPT OF HEALTH	4	376,696
NEW YORK STATE OFFICE OF MENTAL HEALTH	1	710,119
NEW YORK STATE PSYCHIATRIC INSTITUTE	1	54,674
NEW YORK UNIVERSITY	9	1,136,814
NORTH CAROLINA STATE UNIVERSITY RALEIGH	2	124,359
NORTH SHORE UNIVERSITY HOSPITAL	3	397,739
NORTHEASTERN OHIO UNIVERSITIES COLL MED	3	274,587
NORTHEASTERN OKLAHOMA STATE UNIVERSITY	1	95,418
NORTHEASTERN UNIVERSITY	3	762,895
NORTHERN CALIFORNIA CANCER CENTER	4	2,327,192
NORTHERN ILLINOIS UNIVERSITY	2	136,024
NORTHWESTERN UNIVERSITY	13	1,550,166
NOVA PHARMACEUTICAL CORPORATION	1	49,159
OAK RIDGE ASSOCIATED UNIVERSITIES	1	6,000
OAKLAND UNIVERSITY	1	141,474
OHIO STATE UNIVERSITY	10	1,263,909
OHIO UNIVERSITY ATHENS	1	6,475
OKLAHOMA MEDICAL RESEARCH FOUNDATION	3	410,500
ONCOGENE SCIENCE, INC.	1	49,667
ONCORE ANALYTICS, INC.	1	23,750
ONTARIO CANCER INSTITUTE	1	151,686
OREGON GRADUATE INSTITUTE SCIENCE & TECH	1	5,293
OREGON HEALTH SCIENCES UNIVERSITY	6	1,200,401
OREGON RESEARCH INSTITUTE	3	533,737
OREGON STATE UNIVERSITY	1	29,532
OXYRASE, INC.	1	43,300
PACIFIC NORTHWEST RESEARCH FOUNDATION	1	6,572
PACIFIC TECHNOLOGIES	1	49,935
PALO ALTO MEDICAL FOUNDATION RES INST	2	496,228
PAN AMERICAN UNIVERSITY	1	94,366
PASS DATA SYSTEMS	1	50,000
PEGASUS TECHNOLOGIES, INC.	1	50,000
PENNSYLVANIA COLLEGE OF OPTOMETRY	1	110,563
PENNSYLVANIA STATE UNIV HERSHEY MED CTR	5	618,013
PENNSYLVANIA STATE UNIVERSITY PARK	6	1,217,333
PHILADELPHIA COLLEGE OF OSTEOPATHIC MED	1	73,859
PHILADELPHIA COLLEGE OF PHARMACY-SCIENCE	2	198,149
PHILADELPHIA GERIATRIC CTR-FRIEDMAN HOSP	1	16,644
PHOTORADIATION SYSTEMS	1	49,997
PHYSICAL SCIENCES, INC.	2	99,993
PRINCETON UNIVERSITY	4	354,105

SUMMARY OF AWARDS TO INSTITUTIONS FOR APRIL, MAY, AND JUNE 1990

	NUMBER OF PROJECTS	TOTAL DOLLARS
PRINTERS II	3	80,880
PROLITH INTERNATIONAL	1	232,409
PROSPECT ASSOCIATES, LTD.	1	265,257
PROTEINS INTERNATIONAL	1	50,000
PROVIDENCE MEDICAL CTR (PORTLAND, OR)	1	5,900
PUBLIC HLTH RES INST OF THE CITY OF NY	3	116,343
PURDUE UNIVERSITY WEST LAFAYETTE	6	468,044
QUALITY BIOLOGICAL, INC.	1	49,453
QUANTRONIX CORPORATION	1	33,363
QUEENSLAND INSTITUTE OF MEDICAL RESEARCH	1	102,848
QUESTAR PRINTING	1	2,522
RADIATION MONITORING DEVICES, INC.	3	149,998
RANCHO LOS AMIGOS MEDICAL CENTER	1	5,000
REED COLLEGE	2	103,831
REHABILITATION INSTITUTE OF CHICAGO	1	5,000
RENSSELAER POLYTECHNIC INSTITUTE	1	104,686
REPLIGEN CORPORATION	1	112,006
RESEARCH DIMENSIONS, INC.	1	111,507
RESEARCH TRIANGLE INSTITUTE	1	179,398
RHODE ISLAND HOSPITAL (PROVIDENCE, RI)	1	103,366
RICE UNIVERSITY	4	639,437
ROCKEFELLER UNIVERSITY	8	637,200
ROGER WILLIAMS GENERAL HOSPITAL	1	104,296
ROSWELL PARK MEMORIAL INSTITUTE	2	229,780
ROW SCIENCES, INC.	1	490,711
S AND S GRAPHICS, INC.	1	24,850
SALK INSTITUTE FOR BIOLOGICAL STUDIES	5	309,167
SAN DIEGO STATE UNIVERSITY	3	451,034
SAN FRANCISCO STATE UNIVERSITY	1	90,910
SAN JOSE STATE UNIVERSITY	1	108,875
SCRIPPS CLINIC AND RESEARCH FOUNDATION	9	1,379,905
SEATTLE BIOMEDICAL RESEARCH INSTITUTE	3	181,000
SECRETECH, INC.	1	249,788
SETON HALL UNIVERSITY	1	108,094
SHANGHAI INSTITUTE OF PHYSIOLOGY	1	15,500
SIENA COLLEGE	1	78,948
SLOAN-KETTERING INSTITUTE FOR CANCER RES	1	273,410
SMITH COLLEGE	2	278,172
SOCIETY OF GENERAL PHYSIOLOGISTS	1	11,500
SOUTH DAKOTA STATE UNIVERSITY	1	73,687
SOUTHERN ILLINOIS UNIV AT EDWARDSVILLE	2	199,341
SOUTHERN ILLINOIS UNIVERSITY SCH OF MED	1	18,250

SUMMARY OF AWARDS TO INSTITUTIONS FOR APRIL, MAY, AND JUNE 1990

	NUMBER OF PROJECTS	TOTAL DOLLARS
SOUTHERN METHODIST UNIVERSITY	1	5,617
SOUTHERN RESEARCH INSTITUTE	4	1,285,103
SOUTHWEST FOUNDATION FOR BIOMEDICAL RES	1	37,986
SPRING VALLEY LABORATORIES	1	515,258
SRI INTERNATIONAL	1	296,000
ST. ELIZABETH'S HOSPITAL OF BOSTON	1	98,432
ST. JOSEPH'S HOSP/MED CTR (PHOENIX)	1	8,844
ST. JUDE CHILDREN'S RESEARCH HOSPITAL	6	1,120,295
ST. LOUIS UNIVERSITY	7	670,643
ST. LUKE'S-ROOSEVELT INST FOR HLTH SCI	4	1,588,254
ST. MARY COMMUNITY HOSPITAL	1	10,000
STANFORD UNIVERSITY	23	1,912,187
STATE UNIVERSITY NEW YORK STONY BROOK	6	854,300
STATE UNIVERSITY OF NEW YORK AT ALBANY	2	524,122
STATE UNIVERSITY OF NEW YORK AT BUFFALO	12	2,583,686
STC TECHNOLOGY GROUP, INC.	1	49,375
SURGIDEV CORPORATION	1	47,148
SWISS FEDERAL INSTITUTE OF TECHNOLOGY	1	20,000
TAMPA BAY RES INST TEIKYO-SHOWA UNIV CTR	1	7,568
TELIOS PHARMACEUTICALS, INC.	1	50,000
TEMPLE UNIVERSITY	9	1,120,620
TEXAS AGRI AND MECH UNIV COLLEGE STATION	5	172,783
TEXAS AGRICULTURAL AND IND UNIV	1	79,449
TEXAS TECH UNIVERSITY HEALTH SCIS CENTER	2	67,985
THOMAS JEFFERSON UNIVERSITY	8	869,377
TINI ALLOY COMPANY	1	48,898
TRIANGLE RESEARCH AND DEVELOPMENT CORP	2	99,894
TRINITY UNIVERSITY	1	6,048
TROPIX, INC.	1	50,000
TRUDEAU INSTITUTE, INC.	3	214,180
TUFTS UNIVERSITY	8	606,457
TULANE UNIVERSITY OF LOUISIANA	5	550,378
U.S. FREDERICK CANCER RESEARCH FACILITY	1	19,000
U.S. NATIONAL CANCER INSTITUTE	1	23,635
U.S. NATIONAL EYE INSTITUTE	1	28,250
U.S. NATIONAL HEART LUNG & BLOOD INS	2	59,000
U.S. NATIONAL INST ALLERGY & INFECT DIS	1	29,500
U.S. NATIONAL INST/CHILD HLTH/HUMAN DEV	2	65,500
U.S. NATIONAL INSTITUTES OF HEALTH	5	199,460
UNIV OF MED/DENT NJ-R W JOHNSON MED SCH	6	737,210
UNIVERSITY HOSPITAL (BOSTON)	2	496,498
UNIVERSITY OF ADELAIDE	1	198,094

SUMMARY OF AWARDS TO INSTITUTIONS FOR APRIL, MAY, AND JUNE 1990

	NUMBER OF PROJECTS	TOTAL DOLLARS
UNIVERSITY OF AKRON	3	323,891
UNIVERSITY OF ALABAMA AT BIRMINGHAM	18	2,123,343
UNIVERSITY OF ALABAMA IN TUSCALOOSA	1	6,684
UNIVERSITY OF ARIZONA	9	1,028,109
UNIVERSITY OF ARKANSAS AT FAYETTEVILLE	2	121,600
UNIVERSITY OF ARKANSAS MED SCIS LTL ROCK	3	307,014
UNIVERSITY OF CALIF-LAWRENC BERKELEY LAB	2	323,109
UNIVERSITY OF CALIF-LOS ALAMOS NAT LAB	2	176,848
UNIVERSITY OF CALIFORNIA BERKELEY	11	1,118,575
UNIVERSITY OF CALIFORNIA DAVIS	10	884,868
UNIVERSITY OF CALIFORNIA IRVINE	10	1,119,682
UNIVERSITY OF CALIFORNIA LOS ANGELES	23	3,334,420
UNIVERSITY OF CALIFORNIA RIVERSIDE	2	155,388
UNIVERSITY OF CALIFORNIA SAN DIEGO	27	5,380,001
UNIVERSITY OF CALIFORNIA SAN FRANCISCO	33	4,161,553
UNIVERSITY OF CALIFORNIA SANTA BARBARA	1	76,567
UNIVERSITY OF CALIFORNIA SANTA CRUZ	2	132,655
UNIVERSITY OF CHICAGO	11	2,215,513
UNIVERSITY OF CINCINNATI	11	1,486,229
UNIVERSITY OF COLORADO AT BOULDER	5	599,142
UNIVERSITY OF COLORADO AT COLORADO SPGS	1	5,000
UNIVERSITY OF COLORADO AT DENVER	1	164,047
UNIVERSITY OF COLORADO HLTH SCIENCES CTR	15	1,392,077
UNIVERSITY OF CONNECTICUT HEALTH CENTER	8	1,104,593
UNIVERSITY OF CONNECTICUT STORRS	1	154,000
UNIVERSITY OF DAYTON	1	87,401
UNIVERSITY OF DELAWARE	1	16,280
UNIVERSITY OF FLORIDA	7	570,492
UNIVERSITY OF GEORGIA	3	164,309
UNIVERSITY OF HAWAII AT MANOA	2	177,888
UNIVERSITY OF HELSINKI	1	78,880
UNIVERSITY OF HLTH SCI/CHICAGO MED SCH	1	20,659
UNIVERSITY OF HOUSTON-CLEAR LAKE	1	103,971
UNIVERSITY OF IDAHO	1	7,192
UNIVERSITY OF ILLINOIS AT CHICAGO	12	1,107,887
UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN	6	658,832
UNIVERSITY OF IOWA	24	2,462,064
UNIVERSITY OF KANSAS COL HLTH SCI & HOSP	5	434,609
UNIVERSITY OF KANSAS LAWRENCE	3	224,450
UNIVERSITY OF KENTUCKY	8	686,080
UNIVERSITY OF LOUISVILLE	5	293,565
UNIVERSITY OF LOWELL	2	256,714

SUMMARY OF AWARDS TO INSTITUTIONS FOR APRIL, MAY, AND JUNE 1990

	NUMBER OF PROJECTS	TOTAL DOLLARS
UNIVERSITY OF MAINE	1	5,000
UNIVERSITY OF MARYLAND BALT CO CAMPUS	2	198,710
UNIVERSITY OF MARYLAND BALT PROF SCHOOL	17	2,723,466
UNIVERSITY OF MARYLAND COLLEGE PK CAMPUS	4	500,074
UNIVERSITY OF MASSACHUSETTS AMHERST	2	103,038
UNIVERSITY OF MASSACHUSETTS BOSTON	1	7,209
UNIVERSITY OF MASSACHUSETTS MEDICAL SCH	8	713,803
UNIVERSITY OF MEDICINE & DENTISTRY OF NJ	2	75,252
UNIVERSITY OF MIAMI	6	724,181
UNIVERSITY OF MICHIGAN AT ANN ARBOR	27	3,980,884
UNIVERSITY OF MINNESOTA AT DULUTH	2	246,993
UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL	32	7,809,024
UNIVERSITY OF MISSISSIPPI	1	5,582
UNIVERSITY OF MISSISSIPPI MEDICAL CENTER	2	163,598
UNIVERSITY OF MISSOURI COLUMBIA	8	625,705
UNIVERSITY OF MISSOURI KANSAS CITY	3	314,939
UNIVERSITY OF MONTANA	2	188,812
UNIVERSITY OF NEBRASKA LINCOLN	2	186,394
UNIVERSITY OF NEBRASKA MEDICAL CENTER	4	658,333
UNIVERSITY OF NEVADA RENO	2	116,694
UNIVERSITY OF NEW HAMPSHIRE	4	418,576
UNIVERSITY OF NEW MEXICO ALBUQUERQUE	7	473,127
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	16	1,749,315
UNIVERSITY OF NORTH CAROLINA GREENSBORO	3	285,593
UNIVERSITY OF NORTHERN COLORADO	1	86,871
UNIVERSITY OF NOTRE DAME	1	31,750
UNIVERSITY OF OKLAHOMA HLTH SCIENCES CTR	2	59,716
UNIVERSITY OF OREGON	3	82,796
UNIVERSITY OF OTAGO	1	25,270
UNIVERSITY OF OXFORD	1	30,000
UNIVERSITY OF PENNSYLVANIA	34	5,310,337
UNIVERSITY OF PITTSBURGH AT PITTSBURGH	14	1,836,481
UNIVERSITY OF PUERTO RICO MED SCIENCES	1	699,041
UNIVERSITY OF PUERTO RICO RIO PIEDRAS	1	25,452
UNIVERSITY OF RHODE ISLAND	1	11,000
UNIVERSITY OF RICHMOND	1	104,906
UNIVERSITY OF ROCHESTER	14	2,191,727
UNIVERSITY OF SANTA CLARA	1	77,215
UNIVERSITY OF SOUTH ALABAMA	2	85,118
UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA	4	377,208
UNIVERSITY OF SOUTH DAKOTA	1	5,000
UNIVERSITY OF SOUTH FLORIDA	4	313,786

SUMMARY OF AWARDS TO INSTITUTIONS FOR APRIL, MAY, AND JUNE 1990

	NUMBER OF PROJECTS	TOTAL DOLLARS
UNIVERSITY OF SOUTHERN CALIFORNIA	10	2,023,663
UNIVERSITY OF SOUTHERN MISSISSIPPI	1	84,513
UNIVERSITY OF SOUTHWESTERN LOUISIANA	1	341,658
UNIVERSITY OF SYDNEY	1	120,755
UNIVERSITY OF TENNESSEE AT MEMPHIS	7	680,225
UNIVERSITY OF TENNESSEE KNOXVILLE	4	269,871
UNIVERSITY OF TEXAS ARLINGTON	1	96,981
UNIVERSITY OF TEXAS AUSTIN	6	508,604
UNIVERSITY OF TEXAS DALLAS	1	14,988
UNIVERSITY OF TEXAS HLTH CTR AT TYLER	1	108,555
UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON	5	826,495
UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT	10	1,880,609
UNIVERSITY OF TEXAS MEDICAL BRANCH	6	629,057
UNIVERSITY OF TEXAS SAN ANTONIO	1	6,967
UNIVERSITY OF TEXAS SW MED CTR/DALLAS	12	2,191,586
UNIVERSITY OF TEXAS SYSTEM CANCER CENTER	12	2,279,704
UNIVERSITY OF THE VIRGIN ISLANDS	1	3,000
UNIVERSITY OF TOLEDO	1	5,000
UNIVERSITY OF UTAH	10	1,094,825
UNIVERSITY OF VERMONT & ST AGRIC COLLEGE	12	2,284,571
UNIVERSITY OF VIRGINIA CHARLOTTESVILLE	12	1,317,258
UNIVERSITY OF WALES	1	8,970
UNIVERSITY OF WASHINGTON	37	4,157,113
UNIVERSITY OF WISCONSIN EAU CLAIRE	1	5,000
UNIVERSITY OF WISCONSIN MADISON	24	3,673,906
UNIVERSITY OF WISCONSIN MILWAUKEE	2	177,785
UNIVERSITY OF WISCONSIN PARKSIDE	1	102,103
VALLEY CHILDREN'S HOSPITAL	1	4,000
VANDERBILT UNIVERSITY	18	3,785,689
VASSAR COLLEGE	2	106,545
VATELL CORPORATION	1	49,683
VILLANOVA UNIVERSITY	2	230,299
VIRGINIA COMMONWEALTH UNIVERSITY	7	1,068,991
VIRGINIA MASON RESEARCH CENTER	3	220,268
VIRGINIA STATE UNIVERSITY	1	96,527
VIRO DYNAMICS	1	49,979
WADSDWORTH CENTER FOR LABS AND RES	1	101,230
WAKE FOREST UNIVERSITY	5	679,581
WASHINGTON STATE UNIVERSITY	2	129,976
WASHINGTON UNIVERSITY	28	2,940,775
WAYNE STATE UNIVERSITY	12	999,492
WEIS CENTER FOR RESEARCH-GEISINGER CLNIC	1	145,852

SUMMARY OF AWARDS TO INSTITUTIONS FOR APRIL, MAY, AND JUNE 1990

	NUMBER OF PROJECTS	TOTAL DOLLARS
WEIZMANN INSTITUTE OF SCIENCE	1	88,830
WELLESLEY COLLEGE	2	123,270
WESLEYAN UNIVERSITY	1	7,810
WEST VIRGINIA UNIVERSITY	2	194,975
WESTAT, INC.	1	189,727
WESTERN CONSORTIUM FOR PUBLIC HEALTH	2	363,503
WHALEN BIOMEDICAL, INC.	1	50,000
WHITEHEAD INSTITUTE FOR BIOMEDICAL RES	4	479,051
WILLS EYE HOSPITAL (PHILADELPHIA)	1	28,000
WISTAR INSTITUTE OF ANATOMY AND BIOLOGY	5	1,332,238
WORCESTER FOUNDATION FOR EXPER BIOLOGY	1	21,000
WORCESTER POLYTECHNIC INSTITUTE	1	5,000
WRIGHT STATE UNIVERSITY	2	95,972
YALE UNIVERSITY	34	4,428,939
YESHIVA UNIVERSITY	8	1,844,109
YOUNGSTOWN STATE UNIVERSITY	1	93,721
ZYMOGENETICS, INC.	1	127,223
ZYNAXIS CELL SCIENCE, INC.	1	50,000
TOTAL	**1,967**	**247,026,810**

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ALABAMA			
AUBURN			
AUBURN UNIVERSITY AT AUBURN			
1R15 CA49647-01A1	WOOTEN, MARIE W	FUNCTIONAL HETEROGENEITY OF PROTEIN KINASE C ISOFORMS	106,500
INSTITUTION TOTAL 1	106,500		
CITY TOTAL 1	106,500		
BIRMINGHAM			
BAPTIST MEDICAL CENTERS			
1S15 CA53668-01	OTTO, DAVID A	SMALL INSTRUMENTATION GRANT	5,000
INSTITUTION TOTAL 1	5,000		
SOUTHERN RESEARCH INSTITUTE			
1S10 RR05711-01	MONTGOMERY, JOHN A	FLOW CYTOMETER FOR BIOMEDICAL RESEARCH	150,000
INSTITUTION TOTAL 1	150,000		
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM			
1R01 AG09031-01	BINDER, LESTER I	MICROTUBULE PROTEINS IN ALZHEIMER'S DISEASE	127,428
1S15 CA53759-01	BLAYNEY, KEITH D	SMALL INSTRUMENTATION PROGRAM	9,118
1R01 HL45142-01	BROCK, TOMMY A	VSM CHLORIDE PERMEABILITY IN HYPERTENSION	145,130
1R01 CA46462-01A1	ESKO, JEFFREY D	TUMOR FORMATION DEPENDENT ON PROTEOGLYCANS	156,504
1R29 HL43213-01A1	HOLMAN, WILLIAM L	ELECTROPHYSIOLOGY DURING POST-CARDIOPLEGIA REPERFUSION	98,024
1R01 CA49609-01A1	LAMON, EDDIE W	EFFECTS OF HYPERTHERMIA ON IMMUNE FUNCTIONS IN VITRO	218,438
1R03 DE09586-01	MANSSON-RAHEMTULLA, BRITTA	SALIVARY THIOCYANATE IN PATIENTS UNDERGOING CHEMOTHERAPY	21,291
1R29 DK43526-01	MCCLAIN, DONALD A	ANALYSIS OF THE ALTERNATE FORMS OF THE INSULIN RECEPTOR	87,471
1R01 HL44575-01	MURPHY-ULLRICH, JOANNE	THROMBOSPONDIN AND TENASCIN--CELL ADHESION REGULATORS	133,847
1R01 HL43041-01A1	RAPPAPORT, NEIL B	LIPID VARIABILITY--INFLUENCE OF STRESS	439,201
1R01 CA51857-01	SHAW, DENISE R	HUMAN TUMOR-SPECIFIC ANTIBODIES PRODUCED IN SCID MICE	134,713
1R01 HL44363-01A1	SHAW, DENISE R	CHARACTERIZATION OF AUTOANTIBODIES IN IMMUNE CYTOPENIAS	93,189
1R13 AI29573-01	WHITLEY, RICHARD J	THIRD INTERNATIONAL CONFERENCE ON ANTIVIRAL RESEARCH	23,000
INSTITUTION TOTAL 13	1,687,354		
CITY TOTAL 15	1,842,354		
MOBILE			
UNIVERSITY OF SOUTH ALABAMA			
1S15 CA53757-01	HUGHES, EDWIN R	SMALL INSTRUMENTATION GRANT	36,130
INSTITUTION TOTAL 1	36,130		
CITY TOTAL 1	36,130		

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ALABAMA			
TUSCALOOSA			
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA IN TUSCALOOSA			
1S15 CA53746-01	NEVILLE, JAMES A	SMALL INSTRUMENTATION GRANT	6,684
INSTITUTION TOTAL 1 6,684			
CITY TOTAL 1 6,684			
STATE TOTAL 18 1,991,668			
ARIZONA			
PHOENIX			
ST. JOSEPH'S HOSPITAL AND MEDICAL CENTER			
1S15 CA53748-01	BLOEDEL, JAMES R	SMALL INSTRUMENTATION PROGRAM	8,844
INSTITUTION TOTAL 1 8,844			
CITY TOTAL 1 8,844			
TEMPE			
ARIZONA STATE UNIVERSITY			
1R29 NS26247-01A1	VAN ORDEN, GUY C	SPELLING-SOUND-REGULARITY AND STROKE-INDUCED DYSLEXIA	81,944
INSTITUTION TOTAL 1 81,944			
CITY TOTAL 1 81,944			
TUCSON			
UNIVERSITY OF ARIZONA			
1R01 CA52643-01	BARRETT, HARRISON H	SPECT RECONSTRUCTION ALGORITHMS AND PARALLEL COMPUTING	427,859
1S15 CA53639-01	CROSBY, LEANNA J	SMALL INSTRUMENTATION GRANT	9,084
1S15 NS29156-01	DALEN, JAMES E	SMALL INSTRUMENTATION GRANT	68,129
1R01 GM41068-01A2	SCHUMACHER, MICHAEL J	IMMUNOTHERAPY OF AFRICANIZED BEE VENOM INTOXICATION	128,899
INSTITUTION TOTAL 4 633,971			
CITY TOTAL 4 633,971			
STATE TOTAL 6 724,759			
ARKANSAS			
FAYETTEVILLE			
UNIVERSITY OF ARKANSAS AT FAYETTEVILLE			
1S15 GM45492-01	DEMAREST, JEFFERY R	SMALL INSTRUMENTATION PROGRAM	5,000

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ARKANSAS			
FAYETTEVILLE			
UNIVERSITY OF ARKANSAS AT FAYETTEVILLE			
1S10 RR05892-01	MILLETT, FRANCIS S	PROTEIN SEQUENCING FACILITY	116,600
INSTITUTION TOTAL	2	121,600	
CITY TOTAL	2	121,600	
LITTLE ROCK			
UNIVERSITY OF ARKANSAS MEDICAL SCIENCES AT LITTLE ROCK			
1R01 NR02367-01	BECK, CORNELIA M	IMPROVING DRESSING BEHAVIOR IN IMPAIRED ELDERLY	169,382
1S15 AI30680-01	PENN, JOHN S	SMALL INSTRUMENTATION GRANT	30,691
1R29 AI28867-01A1	ROOP, ROY M, II	IMMUNOGENICITY OF RECOMBINANT BRUCELLA ABORTUS PROTEINS	106,941
INSTITUTION TOTAL	3	307,014	
CITY TOTAL	3	307,014	
STATE TOTAL	**5**	**428,614**	
CALIFORNIA			
BELMONT			
NORTHERN CALIFORNIA CANCER CENTER			
1S10 RR05620-01	DAVIS, THOMAS E	HEWLETT PACKARD 9000 SERIES 835S COMPUTER SYSTEM	159,000
INSTITUTION TOTAL	1	159,000	
CITY TOTAL	1	159,000	
BERKELEY			
UNIVERSITY OF CALIFORNIA AT BERKELEY			
1R01 HL45182-01	CONBOY, JOHN G	RED CELL BAND 4.1:DEVELOPMENTAL CHANGES IN RNA SPLICING	205,767
1R01 DK42799-01	FIRESTONE, GARY L	POSTTRANSLATION RESPONSES OF STEROID HORMONES	154,722
1S10 RR05651-01	HEATHCOCK, CLAYTON H	INTEGRATED GRAPHICS WORKSTATIONS	271,000
1S15 GM45512-01	MACHEN, TERRY E	SMALL INSTRUMENTATION GRANT	77,351
1R01 GM44801-01	MATHIES, RICHARD A	RAMAN STUDIES OF LIGHT TRANSDUCTION IN HALOBACTERIA	139,131
1R29 AG09055-01	SHIMAMURA, ARTHUR P	AGING AND MEMORY--A NEUROPSYCHOLOGICAL ANALYSIS	90,122
1R01 ES05379-01	TARTER, MICHAEL E	EFFICIENCY ENHANCED SERIES CURVES ESTIMATION	92,482
INSTITUTION TOTAL	7	1,030,575	
UNIVERSITY OF CALIFORNIA-LAWRENCE BERKELEY LABORATORY			
1R01 HL42490-01A1	DAISEY, JOAN M	ENVIRONMENTAL TOBACCO SMOKE--PHYSICO-CHEMICAL PROPERTIES	264,049
1R01 CA51076-01	PHILLIPS, MARK H	DOSE COMPARISON OF STEREOTACTIC RADIOSURGICAL MODALITIES	59,060
INSTITUTION TOTAL	2	323,109	

NIH RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
BERKELEY			
WESTERN CONSORTIUM FOR PUBLIC HEALTH			
1R29 HD27347-01	ABRAMS, BARBARA F	MATERNAL WEIGHT GAIN AND FETAL OUTCOME:	103,171
1R01 HL44199-01A1	KAPLAN, GEORGE A	MECHANISMS UNDERLYING PSYCHOSOCIAL ASSOCIATION WITH IHD	260,332
INSTITUTION TOTAL	2	363,503	
CITY TOTAL	11	1,717,187	
DAVIS			
UNIVERSITY OF CALIFORNIA AT DAVIS			
1R01 AI30377-01	DANDEKAR, SATYA	IN VIVO IMMUNE ACTIVATION/ FIV GENE EXPRESSION	185,267
1R01 HD25528-01A1	HENDRICKX, ANDREW G	BIOEFFECTS OF PRENATAL ULTRASOUND EXPOSURE IN MACAQUES	120,156
1R01 HD26777-01	KEEN, CARL L	COPPER NUTRITION AND DEVELOPMENT	119,897
1R29 GM39822-01A2	NAMBIAR, KRISHNAN P	SEQUENCE SPECIFIC DNA-BINDING PEPTIDES AND PROTEINS	113,560
1R01 GM44840-01	PAPPONE, PAMELA A	ION CHANNELS IN BROWN FAT	108,846
1S15 AI30710-01	RHODE, EDWARD A	SMALL INSTRUMENTATION GRANT	18,439
1S15 HL45806-01	WILLIAMS, HIBBARD E	SMALL INSTRUMENTATION GRANT	64,168
1R01 DC01049-01	WOODS, DAVID L	HUMAN MIDDLE LATENCY AUDITORY EVOKED POTENTIALS	113,535
INSTITUTION TOTAL	8	843,868	
CITY TOTAL	8	843,868	
DOWNEY			
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--RANCHO LOS AMIGOS MEDICAL CENTER			
1S15 AR40760-01	PERRY, JACQUELIN	SMALL INSTRUMENTATION GRANT	5,000
INSTITUTION TOTAL	1	5,000	
CITY TOTAL	1	5,000	
DUARTE			
BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE			
1S15 CA53741-01	HOLDEN, JOSEPH T	SMALL INSTRUMENTATION PROGRAM	29,549
INSTITUTION TOTAL	1	29,549	
CITY TOTAL	1	29,549	
EMERYVILLE			
CHIRON CORPORATION			
1R43 AI29273-01	SPAETE, RICHARD R	CYTOMEGALOVIRUS GLYCOPROTEIN B RECOMBINANT ANTIGENS	49,961
1R43 AI29288-01	VAN NEST, GARY A	DEVELOPMENT OF A DETECTIVE HEPATITIS A VIRUS VACCINE	50,000
INSTITUTION TOTAL	2	99,961	

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	2	99,961		
CALIFORNIA				
GOLETA				
SURGIDEV CORPORATION				
1R43 EY08642-01	MASON, PAUL		DEVELOPMENT OF A MICROFENESTRATED INTRACORNEAL LENS	47,148
INSTITUTION TOTAL	1	47,148		
CITY TOTAL	1	47,148		
IRVINE				
CORTEX PHARMACEUTICALS, INC.				
1R43 NS28625-01	CAVANAUGH, KATHLEEN P		NEUROTROPHIC ACTIONS OF FATTY ALCOHOL ANALOGUES	44,949
INSTITUTION TOTAL	1	44,949		
J. DAVID GLADSTONE FOUNDATION FOR CARDIOVASCULAR DISEASE				
1S15 HL45800-01	INNERARITY, THOMAS L		SMALL INSTRUMENTATION GRANT	11,873
INSTITUTION TOTAL	1	11,873		
UNIVERSITY OF CALIFORNIA AT IRVINE				
1R01 HD25620-01A1	BRYANT, SUSAN		EXPERIMENTAL ANALYSIS OF GROWTH AND PATTERN FORMATION	176,139
1S10 RR05912-01	CAHALAN, MICHAEL D		ADVANCED VIDEO MICROSCOPY	160,000
1R01 HL43277-01A1	DETRANO, ROBERT C		CORONARY SCREENING IN A HIGH RISK SUBSET	220,737
1S10 RR05690-01	DIX, THOMAS A		PURCHASE OF A MOLECULAR MODELLING FACILITY	158,000
1R01 HL44523-01	RASMUSSEN, RONALD E		JUVENILE FERRET LUNG--TOXICOLOGICAL MODEL FOR CHILDREN	168,700
1S15 GM45478-01	VICKERY, LARRY E		SMALL INSTRUMENTATION GRANT	55,911
INSTITUTION TOTAL	6	939,487		
CITY TOTAL	8	996,309		
LAFAYETTE				
CALAMER CORPORATION				
1R43 AI29289-01	WARD, ROBERT S		BREATHABLE FILMS FOR PROPHYLAXIS & CONTAMINATION CONTROL	49,985
INSTITUTION TOTAL	1	49,985		
CITY TOTAL	1	49,985		
LAGUNA NIGUEL				
HEALTHCARE EDUCATION ASSOCIATES				
1R43 AG09166-01	STROMBECK, RITA D		RETIREMENT INSURANCE AND MEDICARE EDUCATION	39,443
INSTITUTION TOTAL	1	39,443		

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	39,443		
CALIFORNIA				
LOMA LINDA				
LOMA LINDA UNIVERSITY				
1S15 AR40749-01	BEHRENS, B LYN		SMALL INSTRUMENTATION PROGRAM	14,064
INSTITUTION TOTAL	1	14,064		
CITY TOTAL	1	14,064		
LONG BEACH				
CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--CALIFORNIA STATE UNIVERSITY AT LONG BEACH				
1S15 NS29147-01	JENSEN, JAMES L		SMALL INSTRUMENTATION GRANT	5,000
INSTITUTION TOTAL	1	5,000		
CITY TOTAL	1	5,000		
LOS ANGELES				
CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--CALIFORNIA STATE UNIVERSITY AT LOS ANGELES				
1R15 GM44115-01	FRATIELLO, ANTHONY		NMR STUDY OF METAL-ION COMPLEXATION	99,788
1R15 NS26076-01A1	PEARSON, DAVID B		CAUDAL NEUROPEPTIDES--NVIRONMENTAL REGULATION	99,788
INSTITUTION TOTAL	2	199,576		
CEDARS-SINAI MEDICAL CENTER				
1R01 CA52495-01	FAGIN, JAMES A		TUMOR SUPPRESSOR GENES IN HUMAN THYROID NEOPLASMS	158,944
1R29 HG00037-01	KORENBERG, JULIE R		RETROPOSON MAP OF THE HUMAN GENOME	97,763
1R01 HL42997-01A1	WHITING, JAMES S		ANGIOGRAPHIC IMAGING OF CORONARY LESION MORPHOLOGY	238,369
INSTITUTION TOTAL	3	495,076		
ESTELLE DOHENY EYE FOUNDATION				
1R01 EY08889-01	MCDONNELL, JAN M		HPV IN CONJUNCTIVAL SQUAMOUS DYSPLASIA AND CARCINOMA	107,989
INSTITUTION TOTAL	1	107,989		
UNIVERSITY OF CALIFORNIA AT LOS ANGELES				
1R01 AI30048-01	AHMED, RAFI		T CELL MEMORY IN VIRAL INFECTION	132,072
1R29 CA51142-01	BASTANI, ROSHAN		PROMOTING SCREENING MAMMOGRAPHY AMONG HIGH-RISK WOMEN	67,758
1R01 EY08282-01A1	BATEMAN, JANE B		CANDIDATE GENES IN HEREDITARY EYE DISEASES	136,410
1R01 DC00855-01	BERKE, GERALD S		INTRAOPERATIVE MEASURES OF VOCAL FOLD YOUNGS MODULUS	93,000
1R01 HD26621-01	BRYSON, YVONNE J		METHODS FOR EARLY HIV INFECTION DIAGNOSIS	425,108

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
LOS ANGELES			
UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
1R01 DK39652-01A3	EDDLESTONE, GEOFFREY T	NEUROENDOCRINE CONTROL OF K CHANNELS IN DIABETIC B-CELLS	127,569
1S15 NS29139-01	EISERLING, FREDERICK A	SMALL INSTRUMENTATION GRANT	72,994
1S10 RR05554-01	FOWLER, AUDREE V	SECOND GENERATION PROTEIN SEQUENCER	117,000
1R13 HD26726-01	FOX, C FRED	GROWTH AND DIFFERENTIATION FACTORS IN DEVELOPMENT	4,500
1R13 HD27401-01	FOX, C FRED	CONFERENCE ON MANIPULATING THE MAMMALIAN GENOME	5,000
1S15 NS29149-01	FREEDMAN, DANIEL X	SMALL INSTRUMENTATION PROGRAM	49,065
1S10 RR05679-01	GIORGI, JANIS V	CELL SORTER--FACSTAR PLUS	328,000
1R01 CA51165-01A1	HEBER, DAVID	MEGESTROL ACETATE FOR TREATMENT OF CANCER CACHEXIA	176,284
1P01 CA51198-01	HUANG, H K	PACS IN RADIOLOGY	650,000
1R01 AI29733-01	LOVETT, MICHAEL A	PATHOGENIC MECHANISMS IN LYME BORRELIOSIS	181,607
1R29 AI29894-01A1	O' BRIEN, WILLIAM A	CELLULAR TROPISM OF A BRAIN-DERIVED HIV-1 ISOLATE	101,200
1S15 HL45842-01	PADILLA, GERALDINE V	SMALL INSTRUMENTATION GRANT	7,748
1R01 ES05283-01A1	RUNNEGAR, MARIA T	MICROCYSTIN ENVIRONMENTAL TOXINS--MODE OF ACTION	207,751
1R01 HL44880-01	WEISS, JAMES N	INTRACELLULAR CALCIUM DURING IMPAIRED CARDIAC METABOLISM	168,953
1R01 DK40700-01A2	WOO, DAVID D	DIFFERENTIAL GENE EXPRESSION IN POLYCYSTIC KIDNEYS	167,147
INSTITUTION TOTAL	20	3,219,166	
UNIVERSITY OF SOUTHERN CALIFORNIA			
1R01 ES05423-01	CADENAS, ENRIQUE	MODULATION OF QUINONE TOXICITY BY TWO-ELECTRON TRANSFERS	190,415
1R29 CA51167-01A1	DUBEAU, LOUIS	SEQUENTIAL GENETIC CHANGES DURING TUMOR DEVELOPMENT	95,311
1R01 GM40857-01A2	PELLEGRINI, MARIA C	RRNA METABOLISM IN MITOTIC AND NONMITOTIC CELLS	175,791
1S15 AG09515-01	PINGS, CORNELIUS J	SMALL INSTRUMENTATION GRANT	34,902
1R01 DK43093-01	STALLCUP, MICHAEL R	GENETICS OF HORMONE BINDING TO GLUCOCORTICOID RECEPTOR	202,188
INSTITUTION TOTAL	5	698,607	
CITY TOTAL	31	4,720,414	
MARTINEZ			
PHOTORADIATION SYSTEMS			
1R43 CA50830-01A1	LUNDAHL, SCOTT L	INTRAVESICAL LASER CATHETER AND MONITORING SYSTEM	49,997
INSTITUTION TOTAL	1	49,997	
CITY TOTAL	1	49,997	
MENLO PARK			
NEUREX CORPORATION			
1R43 GM42281-01A1	RAMACHANDRAN, JANAKIRAMAN	IDENTIFICATION OF GENE FOR ACTH-RECEPTOR BY CLONING	50,000
INSTITUTION TOTAL	1	50,000	

NIH RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
MENLO PARK			
SRI INTERNATIONAL			
1S10 RR05839-01	SUTHERLAND, ROBERT M	CYTOMETER FOR ADHERENT LIVE CELL SORTING & ANALYSIS	296,000
INSTITUTION TOTAL	1	296,000	
CITY TOTAL	2	346,000	
MOUNTAIN VIEW			
CALIFORNIA BIOTECHNOLOGY, INC.			
1R43 HL44832-01	ABRAHAM, JUDITH A	NEW ENDOTHELIAL CELL GROWTH FACTOR FOR WOUND HEALING	50,000
1R43 AG09171-01	CORDELL, BARBARA L	STRUCTURE/FUNCTION ALZHEIMERS DISEASE PROTEASE INHIBITOR	50,000
1R43 GM43655-01	SHADLE, PAULA J	AFFINITY MATRICES FOR PROCESS SCALE PURIFICATION	49,790
INSTITUTION TOTAL	3	149,790	
CITY TOTAL	3	149,790	
OAKLAND			
CHILDREN'S HOSPITAL MEDICAL CENTER OF NORTHERN CALIFORNIA			
1R01 HL43048-01	LUBIN, BERTRAM H	NEW APPROACHES TO THERAPY IN IRON OVERLOAD STATES	172,732
INSTITUTION TOTAL	1	172,732	
TINI ALLOY COMPANY			
1R43 HL44804-01	JOHNSON, ALFRED D	SHAPE-MEMORY ALLOY HEART VALVE CLAMPING DEVICE	48,898
INSTITUTION TOTAL	1	48,898	
CITY TOTAL	2	221,630	
PALO ALTO			
PALO ALTO MEDICAL FOUNDATION RESEARCH INSTITUTE			
1S15 HL45770-01	COOPER, ALLEN D	SMALL INSTRUMENTATION GRANT	12,770
INSTITUTION TOTAL	1	12,770	
CITY TOTAL	1	12,770	
PASADENA			
CALIFORNIA INSTITUTE OF TECHNOLOGY			
1R01 HG00084-01	HOOD, LEROY E	NEW APPROACH TO GENETIC MAPPING WITH DNA POLYMORPHORISMS	369,355
1R01 GM42671-01A1	PARKER, CARL S	CONTROL OF SPATIAL EXPRESSION OF THE DROSOPHILA FTZ GENE	243,715
INSTITUTION TOTAL	2	613,070	
CITY TOTAL	2	613,070	

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
REDWOOD CITY			
GENELABS, INC.			
1R43 AI29245-01	PIATAK, MICHAEL	RANDOM RECEPTOR MIMITOPE LIBRARY	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
RIVERSIDE			
UNIVERSITY OF CALIFORNIA AT RIVERSIDE			
1S10 RR05658-01	BERS, DONALD M	DUAL WAVELENGTH MICRO/MACRO SPECTROFLUORIMETER	132,000
1S15 GM45497-01	HOLTEN, DAROLD D	SMALL INSTRUMENTATION GRANT	23,388
INSTITUTION TOTAL	2	155,388	
CITY TOTAL	2	155,388	
SAN DIEGO			
AGOURON INSTITUTE			
1S15 AI30708-01	ROKEACH, LUIS A	SMALL INSTRUMENTATION GRANT	6,757
INSTITUTION TOTAL	1	6,757	
CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--SAN DIEGO STATE UNIVERSITY			
1R01 AG08476-01A1	MARTIN, JOHN E	HEALTH EFFECTS OF EXERCISE IN ELDERLY HYPERTENSIVES	423,002
1S15 GM45466-01	NEEL, JAMES W	SMALL INSTRUMENTATION GRANT	18,615
1S15 CA53720-01	SCUTCHFIELD, F DOUGLAS	SMALL INSTRUMENTATION GRANT	9,417
INSTITUTION TOTAL	3	451,034	
CHILDREN'S HOSPITAL RESEARCH CENTER			
1S15 NS29146-01	WULFECK, BEVERLY B	SMALL INSTRUMENTATION PROGRAM	5,000
INSTITUTION TOTAL	1	5,000	
LA JOLLA CANCER RESEARCH FOUNDATION			
1R01 CA51890-01	BUSS, JANICE E	CONTROL OF MEMBRANE BINDING AND ONCOGENES BY P21RAS	171,351
1R01 CA52072-01	DER, CHANNING J	KREV-1 AND SUPPRESSION OF RAS ONCOGENE TRANSFORMATION	174,192
INSTITUTION TOTAL	2	345,543	
LIDAK BIOPHARMACEUTICALS			
1R43 HL44792-01	MACELLETTI, JOHN F	PRODUCTION OF HUMAN ANTI-PLATELET MONOCLONAL ANTIBODIES	50,000
INSTITUTION TOTAL	1	50,000	

NIH RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
SAN DIEGO			
MEDICAL BIOLOGY INSTITUTE			
1R01 GM42388-01A2	APGAR, JOHN R	IGE RECEPTOR INTERACTIONS IN STIMULUS & SECRETION	142,895
1S15 AI30698-01	KATZ, DAVID H	SMALL INSTRUMENTATION GRANT	17,780
INSTITUTION TOTAL	2	160,675	
SALK INSTITUTE FOR BIOLOGICAL STUDIES			
1R01 AI29850-01	ORGEL, LESLIE E	HIV INHIBITION BY CROSS LINKING ANTISENSE RNA VIA PT	222,667
INSTITUTION TOTAL	1	222,667	
SCRIPPS CLINIC AND RESEARCH FOUNDATION			
1R01 HL43773-01A1	ALTIERI, DARIO C	MAC 1 DEPENDENT REGULATION OF COAGULATION	187,222
1R01 GM42336-01A2	BALCH, WILLIAM E	ROLE OF RAB PROTEINS AND CA2+ IN VESICULAR TRANSPORT	281,004
1R01 CA52241-01	COOPER, NEIL R	MODEL FOR EPSTEIN-BARR VIRUS INDUCED LYMPHOMA	251,665
1R01 HL43815-01A1	CURTISS, LINDA K	IMMUNOCHEMICAL STRUCTURE/FUNCTION OF APOLIPOPROTEIN A-I	236,785
1R29 HL44111-01A1	FRELINGER, ANDREW L III	IMMUNOCHEMICAL ANALYSIS OF LIGAND-RECEPTOR INTERACTION	104,356
1S10 RR05913-01	GILULA, NORTON B	CONFOCAL LASER SCANNING MICROSCOPE SYSTEM	160,000
1R29 GM44841-01	MC REE, DUNCAN E	LIGAND CONTROLLED DISSOCIATION OF A DIMERIC PROTEIN	112,523
INSTITUTION TOTAL	7	1,333,555	
TELIOS PHARMACEUTICALS, INC.			
1R43 EY08161-01A1	HARPER, JOHN R	PEPTIDE INHIBITORS OF PROLIFERATIVE VITREORETINOPATHY	50,000
INSTITUTION TOTAL	1	50,000	
UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
1S15 GM45507-01	ATTIYEH, RICHARD	SMALL INSTRUMENTATION PROGRAM	60,887
1R01 CA51496-01	BLAIR, LESLIE A	FUNCTION OF THE MAS ONCOGENE	99,696
1P01 HL43026-01A1	CHIEN, SHU	BIOMECHANICS OF BLOOD CELLS, VESSELS, & MICROCIRCULATION	1,359,586
1R01 AG09009-01	COLE, GREGORY M	METABOLISM OF ALZHEIMER AMYLOID B-PROTEIN PRECURSOR	114,860
1S10 RR05674-01	DOOLITTLE, RUSSELL F	PEPTIDE SYNTHESIZER-ANALYZER COMBINATION	184,000
1R13 DC00851-01	HARRIS, JEFFREY P	THIRD INTERNATIONAL CONFERENCE ON IMMUNOLOGY IN ENT	15,000
1R01 ES04989-01A2	KELNER, MICHAEL J	INVESTIGATION INTO PARAQUAT CYTOTOXICITY	165,295
1S10 RR05799-01	KRAUT, JOSEPH	COMPUTATIONAL GRAPHICS FOR BIOCHEMISTRY	164,000
1R01 AG08313-01A1	KUTAS, MARTA	BRAIN POTENTIALS-ERPS--LANGUAGE, MEMORY, AND AGING	165,306
1R01 CA51406-01A2	LOTZ, MARTIN K	TGF B AND THE PATHOGENESIS OF HIV	263,526
1R01 CA52151-01	MCCLAY, EDWARD F	MODULATION OF CISPLATIN RESISTANCE IN MALIGNANT MELANOMA	267,696
1R01 AI28035-01A1	REED, SHARON L	CYSTEINE PROTEINASES AND VIRULENCE OF E. HISTOLYTICA	161,448
1R13 AR40504-01	SKALAK, RICHARD	FIRST WORLD CONGRESS OF BIOMECHANICS	5,000
1R01 DK41737-01A1	SUBRAMANI, SURESH	TARGETING OF PROTEINS INTO PEROXISOMES	225,758
1R01 AI29889-01A1	WONG-STAAL, FLOSSIE	IN VIVO AND IN VITRO PARAMETERS OF HIV-2 PATHOGENICITY	210,937

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
SAN DIEGO			
UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
1R01 HD25787-01A1	ZANETTI, MAURIZIO	ENGINEERED CD4-LIKE ANTIBODIES IN NEONATAL HIV INFECTION	178,211
INSTITUTION TOTAL 16	3,641,206		
CITY TOTAL 35	6,266,437		
SAN FRANCISCO			
CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--SAN FRANCISCO STATE UNIVERSITY			
1R15 GM42020-01A1	LINDQUIST, ROBERT N	INTERACTION OF METHYLTRANSFERASE AND GLYCINE BORONATES	90,910
INSTITUTION TOTAL 1	90,910		
MEDICAL RESEARCH INSTITUTE OF SAN FRANCISCO			
1S15 AI30706-01	YOUNG, LOWELL S	SMALL INSTRUMENTATION PROGRAM	17,638
INSTITUTION TOTAL 1	17,638		
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
1R01 HL43762-01A1	BASBAUM, CAROL B	ANALYSIS OF REGULATION OF MUCIN GENE EXPRESSION	111,021
1R01 AI29312-01A1	EDMAN, JEFFREY C	MOLECULAR BIOLOGY OF CRYPTOCOCCUS NEOFORMANS	158,475
1S10 RR05868-01	FULWYLER, MACK J	FLUORESCENCE CYTOMETER FOR IMAGING, FRAP AND SORTING	338,000
1S15 AG09504-01	HOLZEMER, WILLIAM L	SMALL INSTRUMENTATION PROGRAM	11,718
1R03 EY08755-01	HORTON, JONATHAN C	ALTERED METABOLISM OF PRIMATE VISUAL CORTEX IN AMBLYOPIA	34,625
1S15 CA53672-01	KABAN, LEONARD B	SMALL INSTRUMENTATION PROGRAM	26,157
1S10 RR05673-01	KOLLMAN, PETER A	SUPERCOMPUTER FOR DESIGN OF BIOACTIVE MOLECULES	400,000
1R01 AI30350-01	LEVY, JAY A	SUPPRESSION OF HIV REPLICATION BY CD8+ CELLS	142,302
1R01 CA51323-01A1	MOSCICKI, BARBARA	NATURAL HISTORY OF HPV IN TEENS--INFECTION TO NEOPLASIA	356,652
1R01 AR40431-01	NEVITT, MICHAEL C	OSTEOARTHRITIS & OSTEOPOROSIS IN ELDERLY WOMAN	419,818
1R01 AI29954-01	PETERLIN, BORIS M	BLS II--DEFECTIVE PROTEINS AND GENES	113,649
1R35 AG08967-01	PRUSINER, STANLEY B	LEADERSHIP AND EXCELLENCE IN ALZHEIMER'S DISEASE	826,468
1S10 RR05670-01	SANTI, DANIEL V	DNA SYNTHESIZER AND ZYMARK ROBOTIC SYSTEM	67,000
1R01 NS28167-01	SHARP, FRANK RAY	MARKERS OF CNS INJURY	119,705
1R01 HD27020-01	SIEGEL, DAVID	AIDS KNOWLEDGE & BELIEFS IN MULTIETHNIC SCHOOL CHILDREN	250,200
1R13 AI29901-01	VOLBERDING, PAUL A	SIXTH INTERNATIONAL CONFERENCE ON AIDS	200,000
INSTITUTION TOTAL 16	3,575,790		
CITY TOTAL 18	3,684,338		
SAN JOSE			
CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--SAN JOSE STATE UNIVERSITY			
1R15 AI29626-01	CLUSS, ROBERT G	HEAT-STRESS PROTEINS IN BORRELIA BURGDORFERI	108,875
INSTITUTION TOTAL 1	108,875		

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	108,875		
CALIFORNIA				
SANTA BARBARA				
ADVANCED SCIENTIFIC CONCEPTS, INC.				
1R43 CA50023-01A1	STETTNER, ROGER		DEVELOPMENT OF A PORT DIGITAL IMAGER	49,980
INSTITUTION TOTAL	1	49,980		
UNIVERSITY OF CALIFORNIA AT SANTA BARBARA				
1R01 GM44558-01	GERIG, J T		SIMULATION OF NMR EXPERIMENTS	76,567
INSTITUTION TOTAL	1	76,567		
CITY TOTAL	2	126,547		
SANTA CLARA				
UNIVERSITY OF SANTA CLARA				
1R15 AI28039-01A1	EDGERLY-ROOKS, JANICE S		EFFECT OF LARVAL BEHAVIOR ON MOSQUITO POPULATION ECOLOGY	77,215
INSTITUTION TOTAL	1	77,215		
CITY TOTAL	1	77,215		
SANTA CRUZ				
UNIVERSITY OF CALIFORNIA AT SANTA CRUZ				
1R01 GM45015-01	KONOPELSKI, JOSEPH P		NOVEL ASYMMETRIC SYNTHESIS OF ANTI-AIDS COMPOUNDS	112,573
1S15 GM45510-01	POODRY, CLIFTON A		SMALL INSTRUMENTATION GRANT	20,082
INSTITUTION TOTAL	2	132,655		
CITY TOTAL	2	132,655		
SOUTH SAN FRANCISCO				
COR THERAPEUTICS, INC.				
1R43 HL44782-01	WOLF, DAVID L		NOVEL ANTITHROMBOTIC AGENT	50,000
INSTITUTION TOTAL	1	50,000		
IMATRON, INC.				
1R43 HL44776-01	HARMAN, JONATHAN W		MYOCARDIAL BLOOD FLOW WORKSTATION	50,000
INSTITUTION TOTAL	1	50,000		
CITY TOTAL	2	100,000		

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
STANFORD			
STANFORD UNIVERSITY			
1R29 LM05268-01	GIOIA, PETER J	BILINGUAL DIAGNOSTIC SYSTEM	100,289
1S10 RR05648-01	HODGSON, KEITH O	13-ELEMENT GE X-RAY FLUORESCENCE DETECTOR ARRAY SYSTEM	185,000
1S15 AI30717-01	KORN, DAVID	SMALL INSTRUMENTATION PROGRAM	89,148
1R29 CA54093-01	MIVECHI, NAHID F	ROLE OF HYPERTHERMIA IN BONE MARROW TRANSPLANTATION	102,182
1R29 LM05157-01	MUSEN, MARK A	CUSTOM-TAILORED TOOLS FOR PROTCOL-KNOWLEDGE MANAGEMENT	109,748
1R01 AI30155-01	PARNES, JANE R	FUNCTION AND EXPRESSION OF LYB-2	178,857
1R01 CA52168-01	SIKIC, BRANIMIR I	EXPRESSION AND MODULATION OF MULTIDRUG RESISTANCE	296,374
1S15 GM45464-01	THOMAS, EWART A	SMALL INSTRUMENTATION GRANT	63,734
1R01 AI28873-01A1	WANG, TERESA S	MUTATIONAL STUDIES OF AIDS THERAPEUTIC AGENTS	177,950
INSTITUTION TOTAL	9	1,303,282	
CITY TOTAL	9	1,303,282	
TORRANCE			
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR-UCLA MEDICAL CENTER			
1R29 DK42191-01A1	COMINELLI, FABIO	CYTOKINES AND INFLAMMATORY BOWEL DISEASE	82,599
INSTITUTION TOTAL	1	82,599	
MOLECULAR OPHTHALMICS, INC.			
1R43 EY08633-01	GIBSON, DAVID R	OCULAR THERAPEUTIC SYSTEM FOR CONTROLLED DRUG DELIVERY	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	2	132,599	
STATE TOTAL	**154**	**22,257,521**	
COLORADO			
BOULDER			
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO AT BOULDER			
1S15 AG09496-01	BREED, MICHAEL D	SMALL INSTRUMENTATION GRANT	59,553
1R01 GM44276-01	GILL, STANLEY J	PROTEIN INTERACTIONS FROM SOLID MODEL COMPOUND	194,489
1R01 CA51210-01A1	ROSS, DAVID	ACTIVATION OF THE ANTITUMOR QUINONE AZQ BY DT-DIAPHORASE	152,600
1S10 RR05714-01	UHLENBECK, OLKE C	STEADY-STATE/FREQUENCY DOMAIN FLUORESCENCE SPECTROMETER	180,000
INSTITUTION TOTAL	4	586,642	
CITY TOTAL	4	586,642	
COLORADO SPRINGS			
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO AT COLORADO SPRINGS			
1S15 AR40746-01	MATTOON, JAMES R	SMALL INSTRUMENTATION GRANT	5,000

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	5,000		
CITY TOTAL	1	5,000		
COLORADO				
DENVER				
ELEANOR ROOSEVELT INSTITUTE FOR CANCER RESEARCH				
1S10 RR05883-01	PATTERSON, DAVID		AUTOMATED KARYOTYPING SYSTEM	117,000
INSTITUTION TOTAL	1	117,000		
FISCHER IMAGING CORPORATION				
1R43 CA49383-01A1	ASSA, MIKE		DIAGNOSTIC RADIOGRAPHIC IMAGING USING A SCANNING GRID	50,000
INSTITUTION TOTAL	1	50,000		
NATIONAL JEWISH CENTER FOR IMMUNOLOGY AND RESPIRATORY MEDICINE				
1R01 AI29704-01	GELFAND, ERWIN W		ACTIVATION & TRANSFORMATION OF HUMAN B CELLS BY EB VIRUS	159,402
1S15 AI30704-01	HENSON, PETER M		SMALL INSTRUMENTATION PROGRAM	39,210
1R01 GM44809-01	NEMAZEE, DAVID		B LYMPHOCYTE TOLERANCE IN HEALTH AND AUTOIMMUNITY	131,612
1R01 HL45011-01	SHANNON, JOHN M		SURFACTANT PROTEIN REGULATION IN DEVELOPING LUNG	77,343
1R01 HL45286-01	VOELKER, DENNIS R		PULMONARY SURFACTANT DYNAMICS AND SURFACTANT PROTEIN A	131,521
INSTITUTION TOTAL	5	539,088		
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO AT DENVER				
1R01 ES05372-01	AUDESIRK, GERALD J		MECHANISMS OF NEUROTOXICITY	164,047
INSTITUTION TOTAL	1	164,047		
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO HEALTH SCIENCES CENTER				
1R29 HL43696-01A1	BANERJEE, ANIRBAN		CELLULAR OXIDATIVE TARGETS IN CARDIAC REPERFUSION INJURY	118,240
1S10 RR05803-01	CONGER, JOHN D		FLUORESCENCE RATIO IMAGING MACRO/MICRO SYSTEM	115,000
1R01 AI29553-01	DUKE, RICHARD C		SELF-RECOGNITION BY T CELLS	83,884
1R01 CA50285-01A1	MAXWELL, IAN H		AUTONOMOUS PARVOVIRUS VECTORS FOR CANCER THERAPY	140,652
1R01 DK41126-01A2	MOLITORIS, BRUCE A		ISCHEMIA-INDUCED LOSS OF EPITHELIAL POLARITY	162,842
1S10 RR05742-01	NIES, ALAN S		MASS SPECTROMETER SYSTEM AND ACCESSORIES	186,000
1S15 AI30716-01	STEVENS, JAMES O		SMALL INSTRUMENTATION PROGRAM	75,967
1R29 HL44122-01A1	WESTCOTT, JAY Y		LEUKOTRIENE SYNTHESIS AND INACTIVATION IN THE LUNG	93,928
INSTITUTION TOTAL	8	976,513		
CITY TOTAL	16	1,846,648		

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
COLORADO			
ENGLEWOOD			
CHEMEX PHARMACEUTICALS, INC.			
1R43 CA52334-01	DIETRICH, JOHN W	REACTIVE OXYGEN SPECIES AND ULTRAVIOLET LIGHT DAMAGE	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
FORT COLLINS			
COLORADO STATE UNIVERSITY			
1S15 GM45465-01	CURTHOYS, NORMAN P	SMALL INSTRUMENTATION GRANT	24,889
1S10 RR05831-01	RASH, JOHN E	JEOL 2000EX TRANSMISSION ELECTRON MICROSCOPE & CRYOSTAGE	346,000
1S15 CA53653-01	WEISER, M GLADE	SMALL INSTRUMENTATION GRANT	35,857
INSTITUTION TOTAL	3	406,746	
CITY TOTAL	3	406,746	
GREELEY			
UNIVERSITY OF NORTHERN COLORADO			
1R01 DK42860-01	TRAN, ZUNG V	DIETARY TREATMENT OF DIABETES MELITUS--META ANALYSIS	86,871
INSTITUTION TOTAL	1	86,871	
CITY TOTAL	1	86,871	
STATE TOTAL	**26**	**2,981,907**	
CONNECTICUT			
FARMINGTON			
UNIVERSITY OF CONNECTICUT HEALTH CENTER			
1R01 HL42654-01A2	ELGEBALY, SALWA A	CARDIAC DERIVED NEUTROPHIL CHEMOTACTIC FACTORS	137,287
1R01 DE09126-01A1	GOLDBERG, A JON	FIBER-REINFORCED COMPOSITES IN DENTISTRY	251,718
1S15 NS29140-01	KENNEDY, JAMES E	SMALL INSTRUMENTATION PROGRAM	30,215
1S15 NS29151-01	PAPLAUSKAS, LEONARD P	SMALL INSTRUMENTATION GRANT	63,037
1R01 ES05331-01	SUNDERMAN, F WILLIAM, JR	ZN-FINGER PROTEINS AS TARGETS OF METAL EMBRYOTOXICITY	142,585
1R01 DK43064-01	WHITE , BRUCE A	CALCIUM CONTROL OF PROLACTIN MRNA LEVELS	172,171
INSTITUTION TOTAL	6	797,013	
CITY TOTAL	6	797,013	
GREENWICH			
INSTRUMENTATION DEVELOPMENT, INC.			
1R43 HG00183-01	MYERS, STEPHEN A	SCANNING SYSTEM TO MEASURE FLOURESCENCE FROM DNA GELS	49,886
INSTITUTION TOTAL	1	49,886	

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	49,886		
CONNECTICUT				
GUILFORD				
CHAOTIC DYNAMICAL SYSTEMS				
1R43 HD27101-01	PINCUS, STEVEN M		CHAOS-RELATED EKG MEASURE AS A SIDS PREDICTOR	50,000
INSTITUTION TOTAL	1	50,000		
CITY TOTAL	1	50,000		
MIDDLETOWN				
WESLEYAN UNIVERSITY				
1S15 GM45514-01	FIRSHEIN, WILLIAM		SMALL INSTRUMENTATION GRANT	7,810
INSTITUTION TOTAL	1	7,810		
CITY TOTAL	1	7,810		
NEW HAVEN				
JOHN B. PIERCE FOUNDATION LABORATORY, INC.				
1R01 DC00818-01	MARKS, LAWRENCE E		ENCODING AND JUDGMENT OF SENSORY MAGNITUDES	146,019
INSTITUTION TOTAL	1	146,019		
JULE, INC.				
1R43 HG00054-01	LEKA, GEORGE T		PRECAST GELS--EXPERIMENTAL ADVANCE IN DNA SEQUENCING	50,000
INSTITUTION TOTAL	1	50,000		
YALE UNIVERSITY				
1S15 GM45463-01	ADELBERG, EDWARD A		SMALL INSTRUMENTATION GRANT	62,908
1R01 HL44985-01	BENZ, EDWARD J, JR		STRUCTURE-FUNCTION RELATIONSHIPS OF PROTEIN 4.1 IN BLOOD	266,806
1R03 HD27446-01	CHAMBERS, SETSUKO K		CSF-1 AND DRUG RESISTANCE IN REPRODUCTIVE CANCERS	31,704
1R01 GM43301-01A1	COOLEY, LYNN		OOCYTE DEVELOPMENT IN DROSOPHILA	215,256
1R01 AI30248-01	DE CAMILLI, PIETRO		AUTOIMMUNITY TO GABA-ERGIC NEURONS IN STIFF-MAN SYNDROME	146,762
1R01 AR39848-01A1	HALABAN, RUTH		GENES INVOLVED IN ALBINISM AND PARTIAL ALBINISM	113,884
1R29 CA52754-01	HOWE, JOHN G		IMMORTALIZATION OF B-LYMPHOCYTES BY EPSTEIN-BARR VIRUS	92,944
1R01 NS28876-01	LA MOTTE, CAROLE C		DEAFFERENTATION-INDUCED ALTERATIONS IN SPINAL SYSTEMS	197,511
1R01 CA52228-01	MILLER, I GEORGE, JR		MUTANTS OF EPSTEIN-BARR VIRUS	157,658
1R01 NS27883-01A1	PRICHARD, JAMES W		CEREBRAL METABOLIC STUDIES BY 1H-13C NMR IN VIVO	334,178
1P01 AI28778-01	RICHARDS, FRANK F		BIOLOGY OF THE KINETOPLASTIDA AND THEIR VECTORS	493,031
1S10 RR05782-01	RUDDLE, FRANK H		REQUEST FOR MULT-USER CONFOCAL IMAGE ANALYSIS FACILITY	163,000
1R01 AR40451-01	SHAPIRO, EUGENE D		PREVENTION OF LYME DISEASE--RANDOMIZED CLINICAL TRIAL	179,231

NIH RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CONNECTICUT			
NEW HAVEN			
YALE UNIVERSITY			
1S15 CA53666-01	SINGER, BURTON H	SMALL INSTRUMENTATION GRANT	30,474
1S10 RR05795-01	SMITH, BRIAN R	INTERACTIVE LASER CYTOMETER/CELL SORTER	191,000
1R01 HG00272-01	WARD, DAVID C	HIGH RESOLUTION OF GENE MAPPING BY IN SITU HYBRIDIZATION	826,221
1S10 RR05804-01	WARD, DAVID C	HIGH RESOLUTION DNA IMAGING AND MAPPING INSTRUMENT	47,000
INSTITUTION TOTAL	17	3,549,568	
CITY TOTAL	19	3,745,587	
STORRS			
UNIVERSITY OF CONNECTICUT STORRS			
1S10 RR05933-01	KNECHT, DAVID A	CONFOCAL MICROSCOPE AND IMAGING SYSTEMS	154,000
INSTITUTION TOTAL	1	154,000	
CITY TOTAL	1	154,000	
STATE TOTAL	**29**	**4,804,296**	
DELAWARE			
NEWARK			
UNIVERSITY OF DELAWARE			
1S15 HL45776-01	WAGNER, ROGER C	SMALL INSTRUMENTATION PROGRAM	16,280
INSTITUTION TOTAL	1	16,280	
CITY TOTAL	1	16,280	
STATE TOTAL	**1**	**16,280**	
DISTRICT OF COLUMBIA			
WASHINGTON			
AMERICAN ASSOCIATION FOR CANCER RESEARCH			
1R13 CA52727-01	VITETTA, ELLEN S	MEETING ON MOLECULAR BASIS OF TUMOR IMMUNOLOGY	6,000
INSTITUTION TOTAL	1	6,000	
AMERICAN NATIONAL RED CROSS			
1R01 CA51779-01	JAY, GILBERT	NEOPLASIA DISORDERS INDUCED BY HTLV-1 IN TRANSGENIC MICE	278,141
1R01 CA51886-01	JAY, GILBERT	ROLE OF THE HEPATITIS B VIRUS IN INDUCING MALIGNANCIES I	114,822
INSTITUTION TOTAL	2	392,963	

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
DISTRICT OF COLUMBIA				
WASHINGTON				
AMERICAN UNIVERSITY				
1R15 CA52043-01	CHEH, ALBERT M		PAH ADDUCT ORIENTATION IN DNA	110,250
INSTITUTION TOTAL	1	110,250		
CARNEGIE INSTITUTION OF WASHINGTON, D. C.				
1S15 GM45522-01	BROWN, DONALD D		SMALL INSTRUMENTATION GRANT	13,310
INSTITUTION TOTAL	1	13,310		
CATHOLIC UNIVERSITY OF AMERICA				
1R15 GM44404-01	PONARAS, ANTHONY A		CHELATION-PROMOTED CLAISEN REARRANGEMENTS	104,912
1S15 AI30718-01	RATHOD, PRADIPSINH K		SMALL INSTRUMENTATION GRANT	4,875
INSTITUTION TOTAL	2	109,787		
GEORGETOWN UNIVERSITY				
1R29 HL44904-01	COUGHLIN, STEVEN S		EPIDEMIOLOGY OF IDIOPATHIC DILATED CARDIOMYOPATHY	92,887
1S15 GM45491-01	DOUKAS, HARRY M		SMALL INSTRUMENTATION GRANT	8,234
1S15 GM45530-01	DOUKAS, HARRY M		SMALL INSTRUMENTATION GRANT	5,000
1P01 CA52066-01	DRITSCHILO, ANATOLY		MOLECULAR BASIS OF TUMOR RESISTANCE TO IONIZE RADIATION	400,000
1R01 CA50377-01A1	ROSEN, NEAL		ROLE OF THE LCK PROTEIN TYROSINE KINASE IN COLON CANCER	232,058
1R13 CA52490-01	ROSENTHAL, LEONARD J		15TH INTERNATIONAL HERPESVIRUS WORKSHOP	5,000
1R01 CA52945-01	THRAVES, PETER J		PROTEASE INHIBITORS AND RADIATION TRANSFORMATION	111,591
INSTITUTION TOTAL	7	854,770		
GERONTOLOGICAL SOCIETY OF AMERICA				
1R13 AG09316-01	BROWN, W TED		GENETIC BASIS OF AGING AND LONGEVITY	22,000
INSTITUTION TOTAL	1	22,000		
HOWARD UNIVERSITY				
1R29 HL45241-01	MC KENZIE, JAMES C		NEOCORTICAL ANP SYNTHESIS IN HYPERTENSIVE DOGS	111,928
INSTITUTION TOTAL	1	111,928		
MEDLANTIC HEALTHCARE GROUP--MEDLANTIC RESEARCH FOUNDATION				
1S15 HL45817-01	HOWARD, BARBARA V		SMALL INSTRUMENTATION GRANT	5,000
INSTITUTION TOTAL	1	5,000		
NATIONAL BIOMEDICAL RESEARCH FOUNDATION				
1S15 GM45529-01	LEDLEY, ROBERT S		SMALL INSTRUMENTATION GRANT	6,031

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
DISTRICT OF COLUMBIA			
WASHINGTON			
NATIONAL BIOMEDICAL RESEARCH FOUNDATION			
1S10 RR05897-01	LEDLEY, ROBERT S	GRAPHICS SUPER DISPLAY PROCESSOR	107,000
INSTITUTION TOTAL	2	113,031	
CITY TOTAL	19	1,739,039	
STATE TOTAL	**19**	**1,739,039**	
FLORIDA			
ALACHUA			
ABELA LASER SYSTEMS			
1R43 HL44273-01A1	ABELA, GEORGE S	LASER-ELECTRODE CATHETER FOR AV NODE-HIS BUNDLE ABLATION	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
CORAL GABLES			
UNIVERSITY OF MIAMI			
1S15 GM45528-01	SCHNEIDERMAN, NEIL	SMALL INSTRUMENTATION GRANT	17,062
INSTITUTION TOTAL	1	17,062	
CITY TOTAL	1	17,062	
GAINESVILLE			
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA			
1R01 EY07982-01A2	GUY, JOHN R	EXPERIMENTAL OPTIC NEURITIS--OXIDATIVE INJURY	152,177
1R01 EY08076-01A1	OSTRER, HARRY	MOLECULAR GENETIC STUDIES OF HUMAN COLOR VISION	131,091
1S10 RR05704-01	SIMPKINS, JAMES W	QUANTITATIVE DENSITOMETRY INSTRUMENT	66,000
1R01 HL44986-01	SOUBA, WILEY W	LUNG GLUTAMINE METABOLISM FOLLOWING INJURY AND INFECTION	152,200
1S15 CA53756-01	WRAY, SUSAN D	SMALL INSTRUMENTATION GRANT	22,024
INSTITUTION TOTAL	5	523,492	
CITY TOTAL	5	523,492	
MELBOURNE			
FLORIDA INSTITUTE OF TECHNOLOGY			
1R01 HD27068-01	OBERKOTTER, LINDA V	MATERNAL IODINE DEFICIENCY--LACTATION AND INFANT GROWTH	124,863
INSTITUTION TOTAL	1	124,863	
CITY TOTAL	1	124,863	

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
FLORIDA			
MIAMI			
UNIVERSITY OF MIAMI			
1R01 HD25154-01A2	BIXBY, JOHN L	MOLECULAR ANALYSIS OF NERVE TERMINAL DIFFERENTIATION	118,762
1S15 AI30715-01	FOGEL, BERNARD J	SMALL INSTRUMENTATION PROGRAM	76,210
1R01 CA49926-01A2	FREGIEN, NEVIS L	GLYCOSYLTRANSFERASE GENE EXPRESSION IN TRANSFORMED CELLS	139,405
1R01 HD26202-01A1	LUBS, HERBERT A	X-LINKED MENTAL RETARDATION--LINKAGE & CLINICAL STUDIES	215,833
1R01 GM40583-01A3	WERNER, RUDOLF K	FUNCTIONAL ANALYSIS OF CELL-CELL CHANNEL PROTEIN	156,909
INSTITUTION TOTAL	5	707,119	
CITY TOTAL	5	707,119	
MIAMI BEACH			
MOUNT SINAI MEDICAL CENTER			
1R01 DE09563-01	RESNICK, LIONEL	HIV INHIBITORY FACTORS IN HUMAN SALIVA	143,228
INSTITUTION TOTAL	1	143,228	
CITY TOTAL	1	143,228	
SAINT PETERSBURG			
TAMPA BAY RESEARCH INSTITUTE TEIKYO-SHOWA UNIVERSITIES CENTER			
1S15 AI30694-01	NONOYAMA, MEIHAN	SMALL INSTRUMENTATION PROGRAM	7,568
INSTITUTION TOTAL	1	7,568	
CITY TOTAL	1	7,568	
TAMPA			
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF SOUTH FLORIDA			
1S15 AR40758-01	EDWARDS, CHARLES	SMALL INSTRUMENTATION GRANT	29,138
1S15 AG09509-01	LEVIN, PETER J	SMALL INSTRUMENTATION GRANT	5,000
1R01 GM43167-01A1	WEBER, LEE A	HEAT SHOCK PROTEINS AND CELL RESISTANCE TO HYPERTHERMIA	125,978
1R01 NS28989-01	WIRANOWSKA, MARZENNA	INTERFERON, THE BLOOD-BRAIN-BARRIER AND GLIOMA	153,670
INSTITUTION TOTAL	4	313,786	
CITY TOTAL	4	313,786	
STATE TOTAL	**19**	**1,887,118**	
GEORGIA			
ATHENS			
UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA			
1R03 DE09627-01	SUMMERS, ANNE O	HG METABOLIZING BACTERIA IN SUBJECTS WITH DENTAL AMALGAM	21,975

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
GEORGIA			
ATHENS			
UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA			
1R29 AI30392-01	TAYLOR, ETHAN W	MOLECULAR MODELING STUDIES AND SAR OF ANTI-HIV AGENTS	121,334
INSTITUTION TOTAL	2	143,309	
CITY TOTAL	2	143,309	
ATLANTA			
EMORY UNIVERSITY			
1R01 CA54050-01	CROUSE, GRAY F	DNA REPAIR IN EUKARYOTS	140,026
1R29 HL45317-01	DELAFONTAINE, PATRICE	INSULIN-LIKE GROWTH I ACTION IN HEART & BLOOD VESSELS	100,822
1R13 GM43913-01	EDMONDSON, DALE E	10TH INTERNATIONAL FLAVINS AND FLAVOPROTEINS SYMPOSIUM	5,000
1S15 HL45758-01	HUMPHREY, DONALD R	SMALL INSTRUMENTATION GRANT	74,982
1R01 HL40844-01A2	KAHN, HENRY S	IHD INCIDENCE AND INDICES OF BODY-FAT DISTRIBUTION	477,467
1R01 DE09575-01	RICE, WILLIAM G	NATURE OF INHIBITORS OF HIV IN HUMAN SECRETORY FLUIDS	185,811
1R01 AI28018-01A2	SPITZNAGEL, JOHN K	MONOCYTE-SPECIFIC CHEMOATTRACTANT FROM HUMAN PMN	148,034
1R01 HG00038-01	WARREN, STEPHEN T	MOLECULAR GENETIC ANALYSIS OF XQ28	225,442
INSTITUTION TOTAL	8	1,357,584	
UNIVERSITY SYSTEM OF GEORGIA--GEORGIA INSTITUTE OF TECHNOLOGY			
1S15 HL45767-01	HUNT, WILLIAM D	PROGRAMMABLE FUNCTION GENERATOR AND DIGITAL OSCILLOSCOPE	21,539
INSTITUTION TOTAL	1	21,539	
UNIVERSITY SYSTEM OF GEORGIA--GEORGIA STATE UNIVERSITY			
1S15 AI30688-01	BAUMSTARK, ALFONS L	SMALL INSTRUMENTATION PROGRAM	9,124
INSTITUTION TOTAL	1	9,124	
CITY TOTAL	10	1,388,247	
AUGUSTA			
UNIVERSITY SYSTEM OF GEORGIA--MEDICAL COLLEGE OF GEORGIA			
1S15 HL45759-01	CREAZZO, TONY L	SMALL INSTRUMENTATION PROGRAM	38,455
1R01 HL45337-01	ROSENQUIST, THOMAS H	DEVELOPMENTAL HETEROGENEITY AMONG THE GREAT ARTERIES	158,214
1S15 AI30697-01	SHARAWY, MOHAMED M	SMALL INSTRUMENTATION GRANT	7,557
INSTITUTION TOTAL	3	204,226	
CITY TOTAL	3	204,226	
MACON			
MERCER UNIVERSITY MACON			
1R15 AI29638-01	HORST, MICHAEL N	CHITIN SYNTHESIS IN PNEUMOCYSTIS	99,661

NIH RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
GEORGIA			
MACON			
MERCER UNIVERSITY MACON			
1R15 NS28584-01	SCHWERI, MARGARET M	IRREVERSIBLE ANTAGONIST FOR STIMULANT DRUGS OF ABUSE	91,497
INSTITUTION TOTAL	2	191,158	
CITY TOTAL	2	191,158	
STATESBORO			
UNIVERSITY SYSTEM OF GEORGIA--GEORGIA SOUTHERN COLLEGE			
1R01 AI30026-01	OLIVER, JAMES H, JR	TICK SYSTEMATICS ON A GLOBAL BASIS	383,379
INSTITUTION TOTAL	1	383,379	
CITY TOTAL	1	383,379	
STATE TOTAL	**18**	**2,310,319**	
HAWAII			
HONOLULU			
KAPIOLANI WOMEN'S AND CHILDREN'S MEDICAL CENTER			
1R29 HL45220-01	NAKAMURA, KENNETH T	ONTOGENY OF AIRWAY SMOOTH MUSCLE FUNCTION	74,694
INSTITUTION TOTAL	1	74,694	
UNIVERSITY OF HAWAII SYSTEM--UNIVERSITY OF HAWAII AT MANOA			
1R01 GM44546-01	VOLINI, MARGUERITE	REGULATORY ROLE OF THE RHODANESES	143,388
INSTITUTION TOTAL	1	143,388	
CITY TOTAL	2	218,082	
STATE TOTAL	**2**	**218,082**	
IDAHO			
MOSCOW			
UNIVERSITY OF IDAHO			
1S15 AI30714-01	KLOWDEN, MARC J	SMALL INSTRUMENTATION GRANT	7,192
INSTITUTION TOTAL	1	7,192	
CITY TOTAL	1	7,192	
STATE TOTAL	**1**	**7,192**	

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS			
CHAMPAIGN			
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN			
1R29 GM42516-01A1	BELMONT, ANDREW S	NUCLEAR AND CHROMOSOME DECONDENSATION DURING G1-S	93,887
1R01 GM42208-01A1	CLARKSON, ROBERT B	CHARACTERIZATION OF MRI CONTRAST AGENTS BY EPR METHODS	149,133
1S15 GM45504-01	KONISKY, JORDAN	SMALL INSTRUMENTATION PROGRAM	65,800
1R01 CA52506-01	WANG, ANDREW H	MOLECULAR MECHANISMS OF ANTICANCER DRUGS	134,151
1R01 GM44511-01	WILLIS, JUDITH H	METAMORPHOSIS OF CHROMATIN	122,758
1R01 GM44557-01	WOLYNES, PETER G	CONCEPTUAL ASPECTS OF THE PROTEIN FOLDING PROBLEM	93,103
INSTITUTION TOTAL	6	658,832	
CITY TOTAL	6	658,832	
CHICAGO			
AMERICAN DENTAL ASSOCIATION HEALTH FOUNDATION			
1S10 RR05865-01	STANFORD, JOHN W	INSTRON SERVOHYDRAULIC TEST SYSTEM 8500 SERIES	169,000
INSTITUTION TOTAL	1	169,000	
AMERICAN SOCIETY OF CLINICAL ONCOLOGY			
1R13 CA53047-01	MEYSKENS, FRANK L	AMERICAN MINORITIES AND CANCER	5,000
INSTITUTION TOTAL	1	5,000	
ILLINOIS INSTITUTE OF TECHNOLOGY			
1R13 HL45212-01	ARZBAECHER, ROBERT C	COMPUTERS IN CARDIOLOGY CONFERENCE, 1990	10,000
INSTITUTION TOTAL	1	10,000	
NORTHWESTERN UNIVERSITY			
1R01 NS27150-01A2	BERRY, ROBERT W	REGULATORY MECHANISMS IN PEPTIDERGIC NEURONS	163,960
1R29 CA51061-01A1	COHN, SUSAN L	MOLECULAR MECHANISMS OF DIFFERENTIATION IN NEUROBLASTOMA	109,815
1R01 GM43241-01A1	COSTA, ROBERT H	REGULATION OF TRANSTHYRETIN IN THE LIVER	143,047
1S10 RR05732-01	GOLDMAN, ROBERT D	CONFOCAL LASER SCAN MICROSOCPE	160,000
1S15 AR40761-01	LEIBOVICH, SAMUEL J	SMALL INSTRUMENTATION GRANT	18,292
1S15 GM45518-01	NUTTER, DONALD O	SMALL INSTRUMENTATION GRANT	68,510
INSTITUTION TOTAL	6	663,624	
REHABILITATION INSTITUTE OF CHICAGO			
1S15 NS29141-01	RYMER, WILLIAM Z	SMALL INSTRUMENTATION GRANT	5,000
INSTITUTION TOTAL	1	5,000	

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS			
CHICAGO			
SISTERS OF MERCY OF THE UNION-PROVINCE OF CHICAGO--MERCY HOSPITAL AND MEDICAL CENTER			
1R01 CA50264-01A1	HAWRYLEWICZ, ERVIN J	DIET METHIONINE--S-ADO, POLYAMINES AND MAMMARY TUMORS	69,366
INSTITUTION TOTAL 1 69,366			
UNIVERSITY OF CHICAGO			
1P01 AI29531-01	BLUESTONE, JEFFREY A	IMMUNOMODULATION OF TRANSPLANT REJECTION	677,645
1R01 HL44398-01	FORD, LINCOLN E	INOTROPIC MECHANISMS OF MYOCARDIUM	178,995
1R13 HL44901-01	GETZ, GODFREY S	ASPEN BILE ACID/CHOLESTEROL/LIPOPROTEIN CONFERENCE	8,000
1S10 RR05887-01	LIPTON, MARTIN J	DEDICATED ANIMAL MAGNETIC RESONANCE	400,000
1S10 RR05926-01	SCHOELLER, DALE A	GAS-BRS SHARED INSTRUMENTATION GRANT	256,000
INSTITUTION TOTAL 5 1,520,640			
UNIVERSITY OF ILLINOIS AT CHICAGO			
1R29 HL43860-01A1	CARLEY, DAVID W	SLEEP-INDUCED APNEA: ROLE OF STATE OF CONSCIOUSNESS	104,017
1S15 CA53739-01	CURRIE, BRUCE L	SMALL INSTRUMENTATION GRANT	5,000
1R01 DK41563-01A1	DAVIS, JOHN D	ANALYSIS OF THE MICROSTRUCTURE OF INGESTIVE BEHAVIOR	83,591
1R01 DE07979-01A3	DRUMMOND, JAMES L	FRACTURE CHARACTERISTICS OF DENTAL COMPOSITES	85,833
1S15 CA53719-01	EISENMANN, DALE R	SMALL INSTRUMENTATION GRANT	5,000
1R01 HL40583-01A3	GREEN, RICHARD D	CHARACTERIZATION OF CARDIAC ADENOSINE RECEPTORS	164,908
1R01 CA51218-01A1	GUENTHNER, THOMAS M	MECHANISMS OF ENHANCEMENT OF MELPHALAN CYTOTOXICITY	136,575
1R01 EY07801-01A1	HABER, RALPH N	MEASURING THE KNOWLEDGE OF SPATIAL LAYOUT IN BLINDNESS	190,240
1S15 GM45474-01	RIGBY, BRIAN W	SMALL INSTRUMENTATION GRANT	30,126
1R15 NR02506-01	WILBUR, JOELLEN	OCCUPATION, ENERGY EXPENDITURE & HEALTH OF MIDLIFE WOMEN	116,197
INSTITUTION TOTAL 10 921,487			
CITY TOTAL 26 3,364,117			
DE KALB			
NORTHERN ILLINOIS UNIVERSITY			
1R15 NR02186-01A1	WHITLEY, GEORGIA L	ANXIETY--DEVELOPMENT OF A NURSING DEFINITION	103,024
INSTITUTION TOTAL 1 103,024			
CITY TOTAL 1 103,024			
EDWARDSVILLE			
SOUTHERN ILLINOIS UNIVERSITY SYSTEM--SOUTHERN ILLINOIS UNIVERSITY AT EDWARDSVILLE			
1R15 NR02198-01A1	BEAMAN, MARGARET L	PERSUADING PEOPLE TO USE CONDOMS--MESSAGE DEVELOPMENT	95,851
1R15 GM44270-01	MATTA, MICHAEL S	COMPARATIVE POTENCY OF NEW INHIBITORS OF ZINC HYDROLASES	103,490
INSTITUTION TOTAL 2 199,341			
CITY TOTAL 2 199,341			

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS			
EVANSTON			
EVANSTON HOSPITAL			
1S15 CA53664-01	GROOTHUIS, DENNIS R	SMALL INSTRUMENTATION GRANT	5,000
INSTITUTION TOTAL	1	5,000	
NORTHWESTERN UNIVERSITY			
1S10 RR05672-01	BARRETT, ANTHONY G	300 MHZ NMR SPECTROMETER	254,000
1R29 AI30064-01	CIANCIOTTO, NICHOLAS P	GENETIC ANALYSIS OF THE LEGIONELLA MIP VIRULENCE FACTOR	122,542
1S10 RR05880-01	NEUHAUS, FRANCIS C	600 MHZ NUCLEAR MAGNETIC RESONANCE SPECTROMETER	400,000
INSTITUTION TOTAL	3	776,542	
CITY TOTAL	4	781,542	
LINCOLNSHIRE			
BIO-IMAGING RESEARCH, INC.			
1R43 HL44252-01	ROUTH, HELEN R	MULTI-DIRECTIONAL ULTRASONIC BLOOD FLOW IMAGING SYSTEM	49,682
INSTITUTION TOTAL	1	49,682	
CITY TOTAL	1	49,682	
MAYWOOD			
LOYOLA UNIVERSITY MEDICAL CENTER			
1S15 HL45831-01	ROBINSON, JOHN A	SMALL INSTRUMENTATION GRANT	16,121
INSTITUTION TOTAL	1	16,121	
CITY TOTAL	1	16,121	
NORMAL			
ILLINOIS STATE UNIVERSITY			
1R15 AI29570-01	JAYASWAL, RADHESHYAM K	PSEUDOMONAS MEDIATED CONTROL OF FUNGAL DISEASE	96,277
1R15 AI29629-01	JULIANO, STEVEN A	GEOGRAPHIC VARIATION IN AEDES TRISERIATUS	101,198
1R15 GM44365-01	MORSE, PHILIP D II	METABOLISM OF NITROXIDES BY LYMPHOCYTES AND MACROPHAGES	104,125
INSTITUTION TOTAL	3	301,600	
CITY TOTAL	3	301,600	
NORTH CHICAGO			
UNIVERSITY OF HEALTH SCIENCES/CHICAGO MEDICAL SCHOOL			
1S15 CA53665-01	JACOB, SAMSON T	SMALL INSTRUMENTATION GRANT	20,659
INSTITUTION TOTAL	1	20,659	

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	20,659		
STATE TOTAL	**45**	**5,494,918**		
INDIANA				
BLOOMINGTON				
INDIANA UNIVERSITY AT BLOOMINGTON				
1R01 AG08293-01A1	HUMES, LARRY E		SPEECH RECOGNITION BY THE HEARING-IMPAIRED ELDERLY	136,604
1S15 GM45508-01	WALKER, GEORGE E		SMALL INSTRUMENTATION GRANT	40,822
INSTITUTION TOTAL	2	177,426		
CITY TOTAL	2	177,426		
ELKHART				
GDS TECHNOLOGY, INC.				
1R43 HD27092-01	DE CASTRO, AURORA F		AN ON-SITE STRIP TEST FOR SCREENING OF PHENYLKETONURIA	47,949
INSTITUTION TOTAL	1	47,949		
CITY TOTAL	1	47,949		
GREENCASTLE				
DE PAUW UNIVERSITY				
1R01 HL42987-01A1	JASON, LEONARD A		WORKSITE INCENTIVES FOR BECOMING A NONSMOKER	348,944
INSTITUTION TOTAL	1	348,944		
CITY TOTAL	1	348,944		
INDIANAPOLIS				
ENDOTECH CORPORATION				
1R43 HL44765-01	ETCHBERGER, KAREN J		DEVELOPMENT OF AN ENDOTHELIAL CELL SEEDING MATRIX	49,762
INSTITUTION TOTAL	1	49,762		
INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS				
1R01 HL44881-01	FRIEDMAN, JULIUS J		INTERSTITIAL DISTRIBUTION OF COLLAGEN & HYALURONIC ACID	108,337
1R29 DK42657-01	KLUVE-BECKERMAN, BARBARA		DIFFERENTIAL REGULATION OF HUMAN SERUM AMYLOID A ISOTYPE	75,730
1R01 AR40248-01	KWON, BYOUNG S		MELANIN BIOSYNTHESIS AND OCULOCUTANEOUS ALBINISM	128,705
1R01 DK41899-01A1	PESCOVITZ, ORA H		CHARACTERIZATION OF A GHRH-LIKE SUBSTANCE IN RAT TESTIS	139,336
1R01 HL40894-01A2	RHOADES, RODNEY A		HYPOXIA-INDUCED CHANGES IN THE PULMONARY ARTERIAL MUSCLE	124,648
1R37 AG09692-01	WOLINSKY, FREDRIC D		PANEL ANALYSIS OF THE AGED'S USE OF HEALTH SERVICES	134,734
INSTITUTION TOTAL	6	711,490		
CITY TOTAL	7	761,252		

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INDIANA			
MUNCIE			
BALL STATE UNIVERSITY			
1R01 AR40801-01	MILTON, RICHARD L	ENDPLATE NA CHANNELS IN SKELETAL MUSCLE FIBERS	120,351
1R15 AI29557-01	WALKER, THOMAS S	RICKETTSIAL EFFECTS ON ENDOTHELIAL FUNCTIONS	91,146
INSTITUTION TOTAL	2	211,497	
CITY TOTAL	2	211,497	
WEST LAFAYETTE			
PURDUE UNIVERSITY WEST LAFAYETTE			
1S15 AI30674-01	CHAN, THOMAS C	SMALL INSTRUMENTATION GRANT	4,875
1S15 GM45483-01	ISOM, GARY E	SMALL INSTRUMENTATION GRANT	55,428
1R01 CA52574-01	KENT, CLAUDIA	PHOSPHATIDYLCHOLINE METABOLISM IN RAS-TRANSFECTED CELLS	183,068
1S15 CA53721-01	LOUDON, G MARC	SMALL INSTRUMENTATION GRANT	22,590
1R29 ES05311-01A1	MARCUS, CRAIG B	REGULATION OF CYTOCHROME P-450 BY METHYLENEDIOXYBENZENES	105,433
INSTITUTION TOTAL	5	371,394	
CITY TOTAL	5	371,394	
STATE TOTAL	**18**	**1,918,462**	
IOWA			
IOWA CITY			
UNIVERSITY OF IOWA			
1R29 GM41121-01A2	BAKER, MAX T	FLOURINATED ETHENE METABOLISM AND HEPATOXICITY	111,336
1R01 HD25909-01A1	BOYLE, MARY B	HORMONAL CONTROL OF UTERINE MUSCLE K-CHANNEL MRNA	137,520
1R15 NR02437-01	CARPENTER, MARTHA A	ETHICS IN ICUS--NURSES AND OTHER HEALTH PROFESSIONALS	99,122
1R01 AR40217-01	DARLING, WARREN G	CONTROL OF INDEX FINGER MOVEMENTS	74,541
1S15 HL45843-01	ECKSTEIN, JOHN W	SMALL INSTRUMENTATION PROGRAM	77,789
1R01 AI27436-01A2	GLOER, JAMES B	COPROPHILOUS FUNGI--NEW SOURCES OF BIOACTIVE METABOLITES	133,228
1R01 HL43883-01A1	HUNNINGHAKE, GARY W	ISOLATION OF LINES OF TYPE II CELLS	195,642
1R03 DE09200-01A1	LEVY, STEVEN M	FLUORIDE EXPOSURES IN YOUNG CHILDREN-LONGITUDINAL PILOT	21,300
1R29 AI27879-01A2	LUTZ, CHARLES T	HLA-B7 TRANSPLANTATION ANTIGEN EPITOPES	116,964
1R01 NR02079-01A1	MCCLOSKEY, JOANNE C	CLASSIFICATION OF NURSING INTERVENTIONS	198,714
1S10 RR05776-01	SKORTON, DAVID JAN	COMPUTER IMAGE PROCESSING WORKSTATIONS	185,000
1S10 RR05630-01	SOLURSH, MICHAEL	CONFOCAL LASER SCANNING MICROSCOPE	154,000
1R01 GM44986-01	WIEMER, DAVID F	SYNTHESIS OF NOVEL NUCLEOSIDE PHOSPHONATES	93,892
1R01 GM44721-01	WOLD, MARC S	FUNCTIONAL ROLES OF CELLULAR PROTEINS IN DNA REPLICATION	133,995
INSTITUTION TOTAL	14	1,733,043	
CITY TOTAL	14	1,733,043	
STATE TOTAL	**14**	**1,733,043**	

NIH RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
KANSAS			
KANSAS CITY			
UNIVERSITY OF KANSAS COLLEGE OF HEALTH SCIENCES AND HOSPITAL			
1S15 CA53774-01	CHAPMAN, A L	SMALL INSTRUMENTATION PROGRAM	5,000
1R15 NR02439-01	CHOPLIN, B JEAN	INSTRUMENT TO ASSESS HIGH RISK POSTPARTUM ADAPTATION	102,900
1R01 AG08882-01	EKERDT, DAVID J	RETIREMENT PROCESS IN MEN	66,781
1R01 HL43008-01A1	TARR, CHARLES M	REACTIVE OXYGEN SPECIES & SINGLE CARDIAC CELL FUNCTION	159,226
INSTITUTION TOTAL	4	333,907	
CITY TOTAL	4	333,907	
LAWRENCE			
UNIVERSITY OF KANSAS LAWRENCE			
1S15 AI30713-01	BEARSE, ROBERT C	SMALL INSTRUMENTATION PROGRAM	21,088
1S15 HL45769-01	MICHAELIS, ELIAS K	SMALL INSTRUMENTATION GRANT	13,362
1S10 RR05545-01	VANDER VELDE, D	300 MHZ NUCLEAR MAGNETIC RESONANCE SPECTROMETER	190,000
INSTITUTION TOTAL	3	224,450	
CITY TOTAL	3	224,450	
MANHATTAN			
KANSAS STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE			
1R01 CA51794-01	HUA, DUY H	SULFINYL KETIMINES	75,882
INSTITUTION TOTAL	1	75,882	
CITY TOTAL	1	75,882	
STATE TOTAL	**8**	**634,239**	
KENTUCKY			
LEXINGTON			
UNIVERSITY OF KENTUCKY			
1R01 CA49431-01A1	ANDRYKOWSKI, MICHAEL A	QUALITY OF LIFE FOLLOWING BONE MARROW TRANSPLANTATION	154,976
1R01 NS28000-01A1	DEMPSEY, ROBERT J	ORNITHINE DECARBOXYLASE AND ISCHEMIC BRAIN EDEMA	118,731
1R13 HL45999-01	FRAZIER, DONALD T	RESPIRATORY PATTERN--PERIPHERAL AND CENTRAL MECHANISMS	27,800
1R29 CA49633-01A1	FREEMAN, JAMES W	ROLE OF ANTIGEN P120 IN CELL PROLIFERATION	89,073
1R01 HL44084-01	OLSON, JACK W	MONOCROTALINE TOXICITY AND TRANSFORMING GROWTH FACTOR B	133,155
1S15 CA53758-01	WILSON, EMERY A	SMALL INSTRUMENTATION PROGRAM	40,053
INSTITUTION TOTAL	6	563,788	
CITY TOTAL	6	563,788	

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
KENTUCKY				
LOUISVILLE				
UNIVERSITY OF LOUISVILLE				
1R13 CA52459-01	ALMOND, PETER R		3D TREATMENT PLANNING PROCESS EVALUATION IMPLEMENTATION	5,000
1R01 CA51771-01	FINGAR, VICTOR H		MECHANISTIC STUDIES OF PDT-INDUCED VASCULAR DAMAGE	163,090
1R01 AI26579-01A1	PERLIN, MICHAEL H		ACTIVE-SITE CHARACTERIZATION FOR APH(3')-II	73,328
1S15 GM45484-01	PROUGH, RUSSELL A		SMALL INSTRUMENTATION GRANT	25,847
INSTITUTION TOTAL	4	267,265		
CITY TOTAL	4	267,265		
MURRAY				
MURRAY STATE UNIVERSITY				
1R15 ES05362-01	VOLP, ROBERT F		BIOCHEMICAL INTERACTIONS IN CHLOROPROPANE TOXICITY	96,081
INSTITUTION TOTAL	1	96,081		
CITY TOTAL	1	96,081		
STATE TOTAL	**11**	**927,134**		
LOUISIANA				
BATON ROUGE				
LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE AT BATON ROUGE				
1S15 AI30689-01	WINSTON, GARY W		SMALL INSTRUMENTATION PROGRAM	17,733
INSTITUTION TOTAL	1	17,733		
CITY TOTAL	1	17,733		
NEW ORLEANS				
ALTON OCHSNER MEDICAL FOUNDATION				
1S15 CA53654-01	RE, RICHARD N		SMALL INSTRUMENTATION GRANT	5,000
INSTITUTION TOTAL	1	5,000		
LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS				
1S15 HL45839-01	DANIELS, ROBERT S		SMALL INSTRUMENTATION GRANT	54,273
1S15 GM45513-01	DIEDRICH, DANA L		SMALL INSTRUMENTATION PROGRAM	12,840
1R01 EY08539-01	JACOB-LABARRE, JEAN T		SCLERAL IMPLANTS FOR MYOPIA	107,138
1R01 AG08504-01A1	JAZWINSKI, S MICHAL		CONTROL OF PROLIFERATION IN SENESCENT YEAST CELLS	145,951
1R13 HG00231-01	KEATS, BRONYA J		INTERNATIONAL WORKSHOP ON STANDARDIZING GENETIC MAPS	19,800
1R15 DC00037-01	TOBEY, EMILY A		EFFECTS OF COCHLEAR IMPLANT MAP CHANGES ON VOWELS	103,600
INSTITUTION TOTAL	6	443,602		

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
LOUISANA				
NEW ORLEANS				
TULANE UNIVERSITY OF LOUISIANA				
1R01 DE08222-01A3	BUNDY, KIRK J		OPTIMIZING CORROSION TESTING OF DENTAL ALLOYS	177,136
1R01 AI28835-01A1	CLEMENTS, JOHN D		ATTENUATED MUTANTS OF SALMONELLA AS VACCINE VECTORS	166,524
1S15 AI30677-01	HAMRICK, JOSEPH T		SMALL INSTRUMENTATION GRANT	8,549
1R01 CA48801-01A2	LEVY, LAURA S		MOLECULAR GENETICS OF FELINE RETROVIRUSES	131,425
INSTITUTION TOTAL	4	483,634		
CITY TOTAL	11	932,236		
SHREVEPORT				
LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT SHREVEPORT				
1R01 AI29026-01A1	COURTNEY, RICHARD J		VIRION-ASSOCIATED IMMEDIATE EARLY PROTEINS OF HSV-1	115,945
INSTITUTION TOTAL	1	115,945		
CITY TOTAL	1	115,945		
STATE TOTAL	**13**	**1,065,914**		
MAINE				
BAR HARBOR				
JACKSON LABORATORY				
1R01 AI28802-01A1	ROOPENIAN, DERRY C		NON H-2 HISTOCOMPATIBILITY GENES AND ANTIGENS	216,623
1R01 AI30389-01	SHULTZ, LEONARD D		DEVELOPMENT OF NEW SCID MOUSE MODELS FOR AIDS RESEARCH	214,425
1R01 AR40324-01	SUNDBERG, JOHN P		PAPULOSQUAMOUS DISEASE	148,341
INSTITUTION TOTAL	3	579,389		
CITY TOTAL	3	579,389		
ORONO				
UNIVERSITY OF MAINE				
1S15 AG09495-01	ELIAS, MERRILL F		SMALL INSTRUMENTATION GRANT	5,000
INSTITUTION TOTAL	1	5,000		
CITY TOTAL	1	5,000		
STATE TOTAL	**4**	**584,389**		
MARYLAND				
BALTIMORE				
JOHNS HOPKINS UNIVERSITY				
1S15 AR40759-01	ANFINSEN, CHRISTIAN B		SMALL INSTRUMENTATION GRANT	50,800

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
1R01 ES05255-01A1	BASSETT, DAVID J	BIOCHEMICAL/CELLULAR DETERMINANTS OF LUNG OZONE INJURY	224,321
1R01 CA51085-01A1	CASERO, ROBERT A, JR	SPERMIDINE N1-ACETYLASE INDUCTION IN LUNG CANCERS	215,774
1R29 CA51068-01	CELANO, PAUL	REGULATION OF GROWTH GENE EXPRESSION BY THE POLYAMINES	82,047
1S10 RR05642-01	FINE, STUART L	COMPUTER SYSTEM FOR PATIENT DATA-BASE MANAGEMENT	244,000
1R29 HL43365-01A1	FLAVAHAN, NICHOLAS A	ENDOTHELIUM-DEPENDENT RELAXATION--G PROTEIN REGULATION	98,386
1S10 RR05905-01	GRAVES, WILLARD L	CARDIOVASCULAR IMAGING AND GRAPHICS SYSTEM	184,000
1R01 CA54114-01	GROOPMAN, JOHN D	AFLATOXIN DNA ADDUCTS DETECTED BY MONOCLONAL ANTIBODIES	145,348
1R01 DK42479-01A1	HANDLER, JOSEPH S	REGULATION OF THE SODIUM/MYO-INOSITOL COTRANSPORTER	240,405
1R01 HG00026-01	HOLTZMAN, NEIL A	ETHICAL & LEGAL ISSUES IN THE DIFFUSION OF GENETIC TESTS	351,908
1R01 CA50601-01A1	ISAACS, JOHN T	PROGRAMMED DEATH OF NORMAL & MALIGNANT PROSTATIC CELLS	201,621
1R01 ES05429-01	JAKAB, GEORGE J	PARTICLE-BOUND ACROLEIN AND PULMONARY DEFENSES	224,046
1R01 AG08325-01A1	KAWAS, CLAUDIA H	RISK FACTORS AND EARLY SIGNS IN ALZHEIMER'S DISEASE/BLSA	237,427
1R01 GM45012-01	MILLER, PAUL S	DNA-SPECIFIC OLIGONUCLEOTIDE ANALOGS	173,184
1R29 HL45115-01	MOLLER, DAVID	PULMONARY SARCOIDOSIS AND T-CELL RECEPTOR GENES	106,996
1S15 AI30696-01	PROUD, DAVID	SMALL INSTRUMENTATION GRANT	93,977
1R29 DC00872-01	RONNETT, GABRIELE V	MECHANISMS OF OLFACTORY SIGNAL TRANSDUCTION	121,095
1R01 AG09412-01	RUFF, CHRISTOPHER B	EFFECTS OF AGING AND EXERCISE ON BONE MASS	93,109
1R01 CA52178-01	SCHIFFER, CHARLES A	MECHANISMS OF DRUG RESISTANCE IN ACUTE MYELOID LEUKEMIA	279,979
1R03 CA52543-01	SHAH, KEERTI V	HPV DIAGNOSIS BY PCR IN CERVICAL CANCER STUDIES	82,458
1R01 HL45090-01	ZERHOUNI, ELIAS A	DYNAMIC 3-D TAGGED MRI OF THE CARDIAC CYCLE IN ISCHEMIA	357,032
INSTITUTION TOTAL	21	3,807,913	
NOVA PHARMACEUTICAL CORPORATION			
1R43 NS28991-01	PONTECORVO, MICHAEL J	NOVEL CEREBROPROTECTIVE AGENTS	49,159
INSTITUTION TOTAL	1	49,159	
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOL			
1R29 AI30083-01	BARCAK, GERARD J	MOLECULAR GENETICS OF H. INFLUENZAE TRANSFORMATION GENES	94,676
1R01 HL44069-01	BOUGHMAN, JOANN A	FAMILY STUDY OF CONGENITAL CARDIOVASCULAR MALFORMATIONS	416,784
1R01 ES04979-01A2	FOWLER, BRUCE A	BIOLOGICAL INDICATORS OF TOXICITY FROM SEMICONDUCTORS	206,188
1R29 CA52741-01	HASDAY, JEFFREY DAVID	RECEPTOR: LIGAND EVENTS IN MACROPHAGE TUMOR RECOGNITION	81,255
1R01 NR02376-01	JACOX, ADA K	DETERMINANTS OF NURSING CARE COSTS & PATIENT OUTCOMES	215,265
1R01 AI29816-01A1	KING, JAMES C	RESPIRATORY VIRAL INFECTION IN HIV INFECTED CHILDREN	182,443
1R01 CA49538-01A1	MELERA, PETER W	DHFR MEDIATED ANTIFOLATE RESISTANCE IN MAMMALIAN CELLS	171,891
1R01 CA52121-01	SCHULTZ, ROGER A	CHROMOSOMAL COMPLEMENTATION OF BLOOM SYNDROME CELLS	147,179
1R01 DE09532-01	SOMERMAN, MARTHA J	EXPRESSION OF ATTACHMENT PROTEINS DURING CEMENTOGENESIS	151,623
1R01 HD27114-01	STANTON, BONITA F	DECISION MAKING BY YOUTHS REGARDING AIDS RISK BEHAVIORS	205,777
1R01 DC00856-01	WEINRICH, MICHAEL	PROCESSING DEFICITS IN APHASIC PATIENTS	147,003
INSTITUTION TOTAL	11	2,020,084	
CITY TOTAL	33	5,877,156	

NIH RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MARYLAND				
BETHESDA				
AMERICAN SOCIETY OF HUMAN GENETICS				
1R13 HD27123-01	COHEN, MAIMON M		8TH INTERNATIONAL CONGRESS OF HUMAN GENETICS	34,300
INSTITUTION TOTAL	1	34,300		
ANDRULIS RESEARCH CORPORATION				
1R43 AI29266-01	GILL, DEVINDER S		POLYMERICS DELIVERY SYSTEMS FOR ANTI-RETROVIRAL AGENTS	49,855
1R43 CA49346-01A1	GILL, DEVINDER S		SOLUBILIZATION AND SUSTAINED DELIVERY OF ANTITUMOR AGENT	49,838
INSTITUTION TOTAL	2	99,693		
BIOPHYSICAL SOCIETY				
1R13 GM43596-01	EISENMAN, GEORGE		10TH INTERNATIONAL BIOPHYSICS CONGRESS	7,000
INSTITUTION TOTAL	1	7,000		
FEDERATION OF AMERICAN SOCIETY FOR EXPERIMENTAL BIOLOGY				
1R13 CA52517-01	FURCHT, LEO T		FASEB SUMMER CONFERENCE-MOLECULAR ASPECTS OF METASTASIS	4,000
1R13 GM43996-01	GETHING, MARY-JANE H		PROTEIN FOLDING AND ASSEMBLY IN THE CELL	3,000
1R13 DK42817-01	HERBERT, VICTOR		FASEB CONFERENCE--FOLATE, B-12 & ONE CARBON METABOLISM	6,000
1R13 HL46015-01	KARIN, MICHAEL		FASEB CONFERENCE--REGULATION OF GENE EXPRESSION	17,000
1R13 HL44714-01	SUTTIE, JOHN W		FASEB CONFERENCE--VITAMIN K-DEPENDENT PROTEINS	7,680
INSTITUTION TOTAL	5	37,680		
HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE				
1S15 AI30687-01	SARVEY, JOHN M		SMALL INSTRUMENTATION GRANT	21,427
INSTITUTION TOTAL	1	21,427		
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTES OF HEALTH				
1R15 GM42221-01A1	JOHNSON, RICHARD P		NEW SYNTHETIC APPLICATION OF BENZENE PHOTOCHEMISTRY	114,960
INSTITUTION TOTAL	1	114,960		
CITY TOTAL	11	315,060		
CATONSVILLE				
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS				
1S15 CA53706-01	FENSELAU, CATHERINE C		SMALL INSTRUMENTATION GRANT	13,158
1R01 CA52527-01	OSTRAND ROSENBURG, SUZANNE		ENHANCING TUMOR IMMUNITY BY CLASS II GENE TRANSFECTION	185,552
INSTITUTION TOTAL	2	198,710		
CITY TOTAL	2	198,710		

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MARYLAND			
COLLEGE PARK			
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND COLLEGE PARK CAMPUS			
1R01 GM42560-01A1	BRYAN, PHILIP N	PROTEIN FOLDING AND STABILITY OF SUBTILISIN	166,982
1S10 RR05882-01	GERLT, JOHN A	PURCHASE OF A 500 MHZ SPECTROMETER	233,000
1R01 GM44651-01	VIJAY, INDER K	GLUCOSYLTRANSFERASE IN MAMMARY GLAND	73,293
1S15 GM45506-01	VIJAY, INDER K	SMALL INSTRUMENTATION GRANT	26,799
INSTITUTION TOTAL	4	500,074	
CITY TOTAL	4	500,074	
GAITHERSBURG			
GENETIC THERAPY, INC.			
1R43 DK41605-01A1	TOLSTOSHEV, PAUL	LIVER GROWTH FACTOR-GENE GENE CLONING AND EXPRESSION	48,760
INSTITUTION TOTAL	1	48,760	
GENEX CORPORATION			
1R43 AI30747-01	FILPULA, DAVID R	ENGINEERING OF NEW BINDING SPECIFICITIES OF PROTEIN A	50,000
INSTITUTION TOTAL	1	50,000	
MOLECULAR ONCOLOGY, INC.			
1R43 CA50064-01A1	KING, CHARLES R	ANTIBODIES TO HUMAN NM23--A POTENTIAL MALIGNANCY MARKER	50,000
INSTITUTION TOTAL	1	50,000	
MOLECULAR VACCINES, INC.			
1R43 AI29280-01	YOUNG, JAMES F	MALARIA VACCINE DEVELOPMENT	50,000
INSTITUTION TOTAL	1	50,000	
QUALITY BIOLOGICAL, INC.			
1R43 DK42753-01	BROWN, RONALD L	SERUM-FREE MEDIUM FOR CULTURING HUMAN HEMATOPOIETIC CELL	49,453
INSTITUTION TOTAL	1	49,453	
CITY TOTAL	5	248,213	
GERMANTOWN			
EVERGREEN TECHNOLOGIES, INC.			
1R43 HD27086-01	SIEGEL, JEFFREY S	DEVELOPMENT OF OBJECTIVE HANDWRITING MEASUREMENT TOOLS	43,571
INSTITUTION TOTAL	1	43,571	
CITY TOTAL	1	43,571	

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MARYLAND			
IJAMSVILLE			
BIOLOGICAL RESEARCH FACULTY AND FACILITY, INC.			
1R43 ES05467-01	SHIVAPURKAR, NARAYAN M	ULTRASENSITIVE DETECTION SYSTEM FOR LOW LEVEL TOXICITY	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
LANDOVER			
APPLIED RESEARCH CORPORATION			
1R43 NS28620-01	DRUKIER, ANDRZEJ K	MULTICHANNEL SYSTEM FOR BIOMAGNETIC APPLICATION	49,923
INSTITUTION TOTAL	1	49,923	
CITY TOTAL	1	49,923	
ROCKVILLE			
LARGE SCALE BIOLOGY CORPORATION			
1R43 AI29285-01	ANDERSON, NORMAN G	AUTOMATIC PARALLEL PEPTIDE SYNTHESIZER FOR AIDS VACCINE	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
SILVER SPRING			
BIRCH AND DAVIS ASSOCIATES, INC.			
1R43 AG08901-01	KARSTEN, STEPHANIE E	ESTABLISH A CAREGIVER INFORMATION SERVICE	48,026
INSTITUTION TOTAL	1	48,026	
CITY TOTAL	1	48,026	
WESTMINSTER			
LOATS ASSOCIATES, INC.			
1R43 DK42398-01	LOATS, HARRY L	PROGRAM FOR EPITHELIAL CELL PROLIFERATION	49,302
INSTITUTION TOTAL	1	49,302	
CITY TOTAL	1	49,302	
STATE TOTAL	**61**	**7,430,035**	
MASSACHUSETTS			
AMHERST			
UNIVERSITY OF MASSACHUSETTS AT AMHERST			
1R01 HD26765-01	RAYNER, KEITH	READING & SCENE PERCEPTION--FOVEAL AND PARAFOVEAL CODES	84,102

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	84,102		
CITY TOTAL	1	84,102		
MASSACHUSETTS				
ANDOVER				
PHYSICAL SCIENCES, INC.				
1R43 EY08630-01	FRISH, MICHAEL B		DYNAMIC REFLECTROMETRY FOR CONTROL OF PHOTOCOAGULATION	50,000
1R43 DK42761-01	TAYLOR, E JENNINGS		NOVEL IMMOBILIZED ENZYME ELECTRODE	49,993
INSTITUTION TOTAL	2	99,993		
CITY TOTAL	2	99,993		
ASHLAND				
MATTEK CORPORATION				
1R43 GM44418-01	KLAUSNER, MITCHELL		MICROPOROUS MEMBRANES FOR MAMMALIAN CELL CULTURE	45,785
INSTITUTION TOTAL	1	45,785		
CITY TOTAL	1	45,785		
BEDFORD				
COLLABORATIVE RESEARCH, INC.				
1R43 AI29260-01	DAVIDOW, LANCE S		PRODUCTION OF FUNCTIONAL MONOCLONAL ANTIBODIES IN YEAST	50,000
INSTITUTION TOTAL	1	50,000		
TROPIX, INC.				
1R43 HG00055-01	VOYTA, JOHN C		ULTRASENSITIVE NON-ISOTOPIC DETECTION SYSTEM FOR DNA	50,000
INSTITUTION TOTAL	1	50,000		
CITY TOTAL	2	100,000		
BELMONT				
CAMBRIDGE SCIENTIFIC, INC.				
1R43 DE08880-01A2	GRESSER, JOSEPH D		BIOPOLYMER FOR MAXILLOFACIAL REPAIR	50,000
INSTITUTION TOTAL	1	50,000		
MC LEAN HOSPITAL				
1S15 AG09510-01	DAVIS, JOSEPH H		SMALL INSTRUMENTATION GRANT	37,775
INSTITUTION TOTAL	1	37,775		
CITY TOTAL	2	87,775		

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
BEVERLY			
BEVERLY HOSPITAL			
1R01 AI29834-01	BONHOMME, FRANCOIS S	SURVEY OF IMMUNODEFICIENCY LENTIVIRUSES	164,776
INSTITUTION TOTAL 1	164,776		
CITY TOTAL 1	164,776		
BOSTON			
BOSTON BIOMEDICAL RESEARCH INSTITUTE			
1R01 AI28342-01A1	BADWEY, JOHN A	SYNERGISTIC STIMULATION AND PRIMING OF NEUTROPHILS	163,996
1S15 GM45489-01	PAULUS, HENRY P	SMALL INSTRUMENTATION PROGRAM	25,746
1R13 AR40515-01	WANG, CHIH-LUEH A	REGULATION OF SMOOTH MUSCLE CONTRACTION	7,000
INSTITUTION TOTAL 3	196,742		
BOSTON UNIVERSITY			
1R01 EY08535-01	FINE, RICHARD E	24 KDA GTP-BINDING PROTEINS IN OPTIC NERVE DYNAMICS	141,334
1R01 HL46100-01	FOSTER, JUDITH A	IN VITRO MODEL FOR PULMONARY EMPHYSEMA	156,563
1S15 GM45526-01	FRANKL, SPENCER N	SMALL INSTRUMENTATION GRANT	5,000
1S10 RR05857-01	GAVRAS, HARALAMBOS	PEPTIDE SYNTHESIS SYSTEM HPLC	121,000
1R13 AG09245-01	KELLY, JEREMIAH F	1990 SUMMER INSTITUTE IN GERIATRIC MEDICINE	49,780
1R01 HL43919-01	POSNER, BARBARA M	DIET AND PLASMA CHOLESTEROL--SECULAR TREND ANALYSES	68,456
1R01 CA52223-01	ROSENBERG, LYNN	GESTATIONAL TROPHOBLASTIC DISEASE & ORAL CONTRACEPTIVES	262,316
1R29 GM44554-01	SEATON, BARBARA A	ANNEXIN CRYSTAL STRUCTURE AND PHOSPHOLIPID INTERACTION	103,068
1S15 GM45476-01	SHEPRO, DAVID	SMALL INSTRUMENTATION GRANT	35,000
1R01 AG09006-01	SIPE, JEAN D	CELLULAR METABOLISM OF AMYLOID PROTEINS IN AGING	166,538
INSTITUTION TOTAL 10	1,109,055		
BRIGHAM AND WOMEN'S HOSPITAL			
1R01 HL43771-01A1	BIRINYI, LOUIS K	CELLULAR ALTERATION OF VASCULAR INJURY	216,917
1R01 HL45462-01	COLLINS, TUCKER	ENDOTHELIAL SPECIFIC GENE EXPRESSION	177,514
1R01 HL45321-01	DLUHY, ROBERT G	GENETICS OF NON-MODULATING HYPERTENSION	284,878
1R01 HD26813-01	FRIGOLETTO, FREDRIC D	CESAREAN SECTION REDUCTION IN PRIMIGRAVID PATIENTS	888,029
1R29 AG08537-01A1	JOACHIM, CATHARINE L	PLAQUE & TANGLE PATHOGENESIS IN ALZHEIMER'S DISEASE	94,145
1R01 DK42879-01	LYTTON, JONATHAN	MOLECULAR BIOLOGY OF ORGANELLAR CA-ATPASE ISOFORMS	192,102
1R01 DK38995-01A2	MENDRICK, DONNA L	PATHOBIOLOGY OF THE GLOMERULAR EPITHELIAL CELL	166,258
1R01 DC00871-01	MORTON, CYNTHIA C	CLONING GENES INVOLVED IN HEARING	213,485
1S15 HL45832-01	NESSON, H RICHARD	SMALL INSTRUMENTATION GRANT	81,259
1R01 HL45089-01	SPARROW, DAVID W	INFLAMMATION, AUTONOMIC DYSFUNCTION AND AIRWAY DISEASE	130,647
1R01 HL44984-01	SUNDAY, MARY E	MOLECULAR BASIS OF PULMONARY CELL DIFFERENTIATION	242,028
1R01 CA52244-01	WANG, FREDERICK C S	MOLECULAR GENETIC ANALYSIS OF EBV GROWTH TRANSFORMATION	114,806
1R01 HL45438-01	WILLIAMS, GORDON H	ALTERATION OF MURINE EXPRESSION OF RENIN AND ANP	240,595
INSTITUTION TOTAL 13	3,042,663		

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
CENTER FOR BLOOD RESEARCH			
1R01 AI29880-01	REMOLD-O'DONNELL, EILEEN	ROLE OF MACHOPHAGE SIALOPHORIN (CD43) IN HIV DEFENSE	310,733
INSTITUTION TOTAL	1	310,733	
CHILDREN'S HOSPITAL			
1S15 HL45818-01	GALLOP, PAUL M	SMALL INSTRUMENTION PROGRAM	73,603
1R01 AI27411-01A2	GEHA, RAIF S	INTERACTION BETWEEN STAPH TOXIN & MHC CLASS II MOLECULES	142,514
1R01 AI29906-01	GEHA, RAIF S	T CELL SIGNALLING IN MATERNALLY ACQUIRED HIV INFECTION	218,660
1R01 HL45425-01	MAHDAVI, VIJAK	DETERMINANTS OF CARDIAC CELL LINEAGES	163,965
INSTITUTION TOTAL	4	598,742	
DANA-FARBER CANCER INSTITUTE			
1R01 CA50459-01A1	FALLER, DOUGLAS V	CONTROL OF CELL GROWTH BY ONCOGENES	248,289
1R29 CA50503-01A1	HUNT, CLAYTON R	HSP70 REGULATION IN CELLS RECOVERING FROM HYPERTHERMIA	92,690
1S15 CA53662-01	JANICKI, BERNARD W	SMALL INSTRUMENTATION GRANT	77,451
1R29 CA52733-01	KIM, KYUNGMANN	SEQUENTIAL METHODS FOR CLINICAL TRIALS	93,469
1R01 AI29904-01	ROSOWSKY, ANDRE	LIPOPHILIC ANTIFOLATES AND AIDS OPPORTUNISTIC INFECTIONS	162,057
1R01 CA51887-01	RUDD, CHRISTOPHER E	MOLECULAR ANALYSIS OF THE CD4/CD8--P56 LCK COMPLEX	154,084
1R01 CA51132-01A1	SAITO, HARUO	RECEPTOR-LINKED PROTEIN TYROSINE PHOSPHATASES	196,348
1R01 CA52004-01	SPECK, SAMUEL H	CONTROL OF EBV LYTIC GENE EXPRESSION DURING LATENCY	181,121
1R01 DK42539-01	SPIEGELMAN, BRUCE M	PHYSIOLOGY AND GENETIC STUDIES OF ADIPSIN IN OBESITY	259,153
1R01 CA51962-01	TSIATIS, ANASTASIOS A	STATISTICAL ANALYSIS OF TIME TO EVENT DATA IN CANCER	158,798
INSTITUTION TOTAL	10	1,623,460	
EMERSON COLLEGE			
1R01 DC00676-01A1	LAHEY, MARGARET	SPEECH ENCODING AND SPECIFIC LANGUAAGE IMPAIRMENT	185,922
INSTITUTION TOTAL	1	185,922	
EYE RESEARCH INSTITUTE OF RETINA FOUNDATION			
1R01 EY08512-01	STEPP, MARY A	MOLECULAR ASPECTS OF CORNEAL EPITHELIAL MIGRATION	174,338
INSTITUTION TOTAL	1	174,338	
FAULKNER HOSPITAL			
1R01 CA53899-01	KIESSLING, ANN A	RETROVIRUSES ASSOCIATED WITH HUMAN REPRODUCTIVE TRACT	135,343
INSTITUTION TOTAL	1	135,343	
FORSYTH DENTAL CENTER			
1R03 DE09642-01	DENBESTEN, PAMELA K	EFFECTS OF PRENATAL FLUORIDE EXPOSURE ON FETAL RAT BONE	21,528

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
FORSYTH DENTAL CENTER			
1S10 RR05894-01	SKOBE, ZIEDONIS	JEOL JSM-820 SCANNING ELECTRON MICROSCOPE	210,000
INSTITUTION TOTAL	2	231,528	
HARVARD UNIVERSITY			
1R29 CA54079-01	NICKOLOFF, JAC A	MAMMALIAN MODELS FOR RADIATION-INDUCED RECOMBINATION	81,243
1R01 GM43375-01A1	REED, ROBIN E	MECHANISMS OF PRE-MRNA SPLICING IN HIGHER EUKARYOTES	187,168
1R01 EY08398-01	SANDBERG, MICHAEL A	FUNCTIONAL ASSESSMENT OF MACULAR DEGENERATIONS	155,739
INSTITUTION TOTAL	3	424,150	
JOSLIN DIABETES CENTER			
1S10 RR05811-01	KAHN, C RONALD	PEPTIDE SYNTHESIS CORE LABORATORY	129,000
1R01 AI28971-01A1	MARATOS-FLIER, ELEFTHERIA	MOLECULAR CHARACTERIZATION OF THE REOVIRUS RECEPTOR	186,895
1R01 AI30987-01	RABINOWE, STEVEN L	PATHOGENESIS OF AUTONOMIC NEUROPATHY IN TYPE I DIABETES	141,593
INSTITUTION TOTAL	3	457,488	
MASSACHUSETTS GENERAL HOSPITAL			
1S10 RR05873-01	ACKERMAN, JEROME L	CONSOLE FOR 2-0 T MRI SPECTROMETER	400,000
1R01 DK42722-01	ARNAOUT, M AMIN	GRANULOCYTE CYTOPLASMIC ANTIGENS IN RENAL VASCULITIS	185,010
1R01 EY08264-01A1	BORGES, LAWRENCE F	EFFECT OF UNTRAOCULAR GRAFTING ON THE CORNEA	114,456
1R01 AI29193-01A1	D'AQUILA, RICHARD T	NUCLEOSIDE RESISTANCE OF THE HIV-1 REVERSE TRANSCRIPTASE	193,800
1R01 HL45098-01	FREEMAN, MASON	REGULATION OF SCAVENGER RECEPTORS IN ATHEROSCLEROSIS	229,511
1R01 CA50505-01A1	KHAW, BAN-AN	NEGATIVE CHARGE-MODIFIED MONOCLONAL ANTIBODIES	184,372
1R01 HL43793-01A1	KURNICK, JAMES T	CARDIAC INFILTRATING T CELLS IN REJECTION & MYOCARDITIS	312,595
1R13 DK42508-01	LEVY, HARVEY LOUIS	INTERNATIONAL CONGRESS--INBORN ERRORS OF METABOLISM	12,000
1R01 HL45429-01	MILLER, JEFFREY B	DEVELOPMENT AND DIVERSIFICATION OF CARDIAC MYOCYTES	221,889
1R01 HL44554-01	PETERSON, JOHN W	COMPLEMENT-INDUCED HEMOLYSIS & CEREBRAL VASOSPASM	196,085
1R01 DK43031-01	SEED, BRIAN	LYMPHOID TISSUE ADHESION MOLECULES	205,080
1R01 HL45176-01	THULBORN, KEITH R	MR IMAGING OF HEMORRHAGE	301,094
1R01 HL45332-01	VATNER, DOROTHY E	AUTONOMIC RECEPTOR FUNCTION IN MYOCARDIAL ISCHEMIA	144,893
1R01 HL42397-01A2	ZAPOL, WARREN M	HEPARIN-PROTAMINE LUNG VASOCONSTRICTION AT HEART SURGERY	282,922
INSTITUTION TOTAL	14	2,983,707	
NEW ENGLAND DEACONESS HOSPITAL			
1R13 AI29705-01	MONACO, ANTHONY P	SUPPORT OF XIIITH TRANSPLANTATION SOCIETY CONGRESS	30,000
INSTITUTION TOTAL	1	30,000	
NORTHEASTERN UNIVERSITY			
1R01 HG00023-01	KARGER, BARRY L	DNA SEQUENCING USING CAPILLARY ELECTROPHORESIS	350,895

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
NORTHEASTERN UNIVERSITY			
1S10 RR05602-01	VOUROS, PAUL	FINNIGAN TSQ 70 TANDEM MASS SPECTROMETER	392,000
INSTITUTION TOTAL	2	742,895	
ST. ELIZABETH'S HOSPITAL OF BOSTON			
1R29 CA53094-01	VARTICOVSKI, LYUBA	ROLE OF NOVEL PI-3 KINASE IN HEMATOPOIETIC CELL GROWTH	98,432
INSTITUTION TOTAL	1	98,432	
TUFTS UNIVERSITY			
1R01 GM44828-01	FORGAC, MICHAEL D	STRUCTURE & PROPERTIES OF THE COATED VESICLE CL CHANNEL	93,824
1R25 CA49612-01A1	GORBACH, SHERWOOD L	TUFTS MEDICAL-DENTAL NUTRITION/CANCER EDUCATION PROGRAM	181,999
1R01 AG09140-01	MEYDANI, SIMIN N	VITAMIN E AND THE AGING IMMUNE RESPONSE	104,901
1R13 CA52573-01	RAAM, SHANTHI	CONFERENCE ON FUNCTIONAL ABERRATION IN HORMONE RECEPTORS	1,000
1S15 AI30720-01	STOLLAR, BERNARD D	SMALL INSTRUMENTATION GRANT	70,787
INSTITUTION TOTAL	5	452,511	
UNIVERSITY HOSPITAL			
1R29 GM44520-01	MITSIALIS, ALEX S	TRANSCRIPTION FACTORS REGULATING CHORION GENE PROMOTERS	126,310
INSTITUTION TOTAL	1	126,310	
UNIVERSITY OF MASSACHUSETTS AT BOSTON			
1S15 AI30705-01	SAFWAT, FUAD M	SMALL INSTRUMENTATION GRANT	7,209
INSTITUTION TOTAL	1	7,209	
CITY TOTAL	77	12,931,228	
CAMBRIDGE			
BIOTECHNICA INTERNATIONAL, INC.--BIOTECHNICA DIAGNOSTICS			
1R43 DE09345-01	BACKMAN, KEITH C	IN-OFFICE DNA PROBE ASSAY FOR PERIODONTAL PATHOGENS	50,000
INSTITUTION TOTAL	1	50,000	
HARVARD UNIVERSITY			
1R01 GM44794-01	KLECKNER, NANCY E	MEIOTIC CHROMOSOME SYNAPSIS AND RECOMBINATION IN YEAST	256,875
1R01 GM44653-01	MELTON, DOUGLAS A	EMBRYONIC INDUCTION OF MESODERM AND NEURAL TISSUE	221,549
1R01 GM44993-01	SCHREIBER, STUART L	DESIGN OF LIGANDS TO BIOLOGICAL RECEPTORS	232,893
1S15 GM45525-01	SPENCE, A MICHAEL	SMALL INSTRUMENTATION GRANT	74,226
INSTITUTION TOTAL	4	785,543	

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
CAMBRIDGE			
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
1R01 GM44821-01	COCHRAN, BRENT H	MOLECULAR ANALYSIS OF ALPHA CELL SPECIFIC UAS FUNCTION	122,532
1R35 CA52127-01	ESSIGMANN, JOHN M	CELLULAR RESPONSES TO DNA DAMAGE	324,000
1S10 RR05734-01	KING, JONATHAN A	TRANSMISSION ELECTRON MICROSCOPE TO STUDY CELL STRUCTURE	217,000
1R01 AI30171-01	RAULET, DAVID H	ROLE OF H-2 GENES IN T CELL SELECTION	216,696
1R01 GM45002-01	REBEK, JULIUS, JR	CARRIERS FOR MEMBRANE TRANSPORT OF AIDS-TARGETED DRUGS	190,117
1S15 GM45527-01	SMITH, KENNETH A	SMALL INSTRUMENTATION PROGRAM	80,908
1R01 AG08991-01	VARSHAVSKY, ALEXANDER J	STRESS, REPAIR, AND AGING	229,758
1R01 CA50378-01A1	ZARBL, HELMUT	ABERRANT GENE REGULATION INDUCED BY V FOS TRANSFORMATION	157,861
INSTITUTION TOTAL	8	1,538,872	
NATIONAL BUREAU OF ECONOMIC RESEARCH			
1S15 AG09507-01	WISE, DAVID A	SMALL INSTRUMENTATION GRANT	6,486
INSTITUTION TOTAL	1	6,486	
REPLIGEN CORPORATION			
1R01 AI29825-01	PUTNEY, SCOTT D	NEUTRALIZATION RESISTANT VARIANTS OF HIV	112,006
INSTITUTION TOTAL	1	112,006	
WHALEN BIOMEDICAL, INC.			
1R43 AR40272-01	WHALEN, ROBERT L	A NEW FINGER JOINT PROSTHESIS	50,000
INSTITUTION TOTAL	1	50,000	
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH			
1S15 GM45516-01	BALTIMORE, DAVID	SMALL INSTRUMENTATION GRANT	38,051
1S10 RR05927-01	KIM, PETER S	500 MHZ NUCLEAR MAGNETIC RESONANCE SPECTROMETER	400,000
INSTITUTION TOTAL	2	438,051	
CITY TOTAL	18	2,980,958	
DANVERS			
IMPLANT SCIENCES CORPORATION			
1R43 AR40271-01	ARMINI, ANTHONY J	CERAMIC COATINGS FOR METAL ORTHOPAEDIC PROSTHESES	41,953
INSTITUTION TOTAL	1	41,953	
CITY TOTAL	1	41,953	

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
DEDHAM			
NANOBEAM CORPORATION			
1R43 RR05989-01	MARTIN, FREDERICK W	NEGATIVE-ION SOURCE FOR HIGH-BRIGHTNESS MICROBEANS	49,242
INSTITUTION TOTAL	1	49,242	
CITY TOTAL	1	49,242	
HOPKINTON			
CREATIVE BIOMOLECULES, INC.			
1R43 HL44241-01	HUSTON, JAMES S	PDGF AA-DIMER STRUCTURE & ATHEROSCLEROSIS DRUG DESIGN	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
LOWELL			
UNIVERSITY OF LOWELL			
1S15 HL45833-01	BRUCE, JOHN I	SMALL INSTRUMENTATION GRANT	5,000
INSTITUTION TOTAL	1	5,000	
CITY TOTAL	1	5,000	
MEDFORD			
TUFTS UNIVERSITY			
1S15 GM45486-01	SAMPSON, PHILIP B	SMALL INSTRUMENTATION PROGRAM	19,626
INSTITUTION TOTAL	1	19,626	
CITY TOTAL	1	19,626	
NEWTON			
BOSTON COLLEGE			
1S15 NS29155-01	POWERS, ROBERT D	SMALL INSTRUMENTATION GRANT	13,146
INSTITUTION TOTAL	1	13,146	
PASS DATA SYSTEMS			
1R43 AG09174-01	PASS, THEODORE M	MODEL TO EVALUATE LONG TERM CARE INSURANCE POLICIES	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	2	63,146	

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
NORTHAMPTON			
SMITH COLLEGE			
1R15 HD26937-01	PEAKE, PHILIP K	ANTECEDANTS & GENERALITY OF PERCEIVED SELF-EFFICACY	145,418
1R15 AI29614-01	WILLIAMS, STEVEN A	SPECIES-SPECIFIC DNA PROBES FOR BANCROFTIAN FILARIASIS	132,754
INSTITUTION TOTAL	2	278,172	
CITY TOTAL	2	278,172	
NORWOOD			
EIC LABORATORIES, INC.			
1R43 HL43458-01A1	HOLLECK, GERHARD L	NEW LIGHIUM BATTERIES FOR VENTRICULAR ASSIST DEVICES	49,959
INSTITUTION TOTAL	1	49,959	
CITY TOTAL	1	49,959	
SOMERVILLE			
AUDIOLOGICAL ENGINEERING CORPORATION			
1R43 DC00796-01	FRANKLIN, DAVID	ADVANCED TACTILE DISPLAY FOR THE DEAF	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
SOUTH HADLEY			
MOUNT HOLYOKE COLLEGE			
1R01 LM05067-01A1	HORNSTEIN, GAIL A	FROMM-REICHMANN AND THE TREATMENT OF PSYCHOSIS--1920-55	39,389
INSTITUTION TOTAL	1	39,389	
CITY TOTAL	1	39,389	
WALTHAM			
BRANDEIS UNIVERSITY			
1S15 GM45479-01	COHEN, JOEL M	SMALL INSTRUMENTATION PROGRAM	49,871
1R13 GM44718-01	REDFIELD, ALFRED G	CONFERENCE MAGNETIC RESONANCE IN BIOLOGICAL SYSTEMS	11,000
1S10 RR05840-01	REDFIELD, ALFRED G	HIGH FIELD NMR SPECTROMETER FOR CHEMISTRY & BIOCHEMISTRY	400,000
1S10 RR05615-01	WHITE, KALPANA P	CONFOCAL MICROSCOPE--3-DIMENSIONAL RECONSTRUCTION	141,000
INSTITUTION TOTAL	4	601,871	
EUNICE KENNEDY SHRIVER CENTER FOR MENTAL RETARDATION			
1R29 NS28129-01A1	BIZZOZERO, OSCAR A	FATTY ACID ACYLATION OF MYELIN PO GLYCOPROTEIN	84,109
INSTITUTION TOTAL	1	84,109	

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
WALTHAM			
FOSTER-MILLER, INC.			
1R43 AG08916-01	NAPPI, BRUCE	SOLID STATE SPHINCTER MANOMETER	46,617
INSTITUTION TOTAL	1	46,617	
CITY TOTAL	6	732,597	
WATERTOWN			
RADIATION MONITORING DEVICES, INC.			
1R43 CA52370-01	ENTINE, GERALD	INTRAOPERATIVE IMAGING PROBE FOR DELINEATION OF TUMORS	50,000
1R43 CA52339-01	SQUILLANTE, MICHAEL R	HIGH SENSITIVITY PHOTOCONDUCTOR FOR XERORADIOGRAPHY	49,998
1R43 CA53082-01	SQUILLANTE, MICHAEL R	NEW PHOTOSENSOR FOR POSITRON EMISSION TOMOGRAPHY	50,000
INSTITUTION TOTAL	3	149,998	
CITY TOTAL	3	149,998	
WELLESLEY			
WELLESLEY COLLEGE			
1S15 NS29143-01	EICHENBAUM, HOWARD B	SMALL INSTRUMENTATION PROGRAM	7,854
1R15 EY08548-01	KOLODNY, NANCY H	SODIUM MRI & CSI OF EXPERIMENTAL DIABETIC RETINOPATHY	115,416
INSTITUTION TOTAL	2	123,270	
CITY TOTAL	2	123,270	
WOODS HOLE			
MARINE BIOLOGICAL LABORATORY			
1S15 NS29142-01	HALVORSON, HARLYN O	SMALL INSTRUMENTATION GRANT	12,387
INSTITUTION TOTAL	1	12,387	
SOCIETY OF GENERAL PHYSIOLOGISTS			
1R13 NS28321-01	DE WEER, PAUL J	SIXTH INTERNATIONAL CONFERENCE ON THE SODIUM PUMP	11,500
INSTITUTION TOTAL	1	11,500	
CITY TOTAL	2	23,887	
WORCESTER			
UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER			
1R01 CA51945-01	FEY, EDWARD G.	ANTIBODIES TO NUCLEAR PROTEINS IN CERVICAL CANCER	115,775
1R01 CA50641-01A1	KING, MICHAEL A	THREE DIMENSIONAL EDGE DETECTION FOR SPECT IMAGES	169,466

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
WORCESTER			
UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER			
1R01 GM44824-01	LAHUE, ROBERT S	GENE CONVERSION AND DNA MISMATCH CORRECTION IN YEAST	138,807
1R29 DK41896-01A1	LEWIS, ROBERT E	INSULIN RECEPTOR REGULATION BY PHOSPHORYLATION	94,368
1S15 GM45472-01	MELCHIOR, DONALD L	SMALL INSTRUMENTATION GRANT	73,978
INSTITUTION TOTAL	5	592,394	
WORCESTER POLYTECHNIC INSTITUTE			
1S15 HL45819-01	DITTAMI, JAMES P	SMALL INSTRUMENTATION GRANT	5,000
INSTITUTION TOTAL	1	5,000	
CITY TOTAL	6	597,394	
STATE TOTAL	**135**	**18,768,250**	
MICHIGAN			
ALBION			
ALBION COLLEGE			
1R01 LM05166-01	COCKS, GEOFFERY C	HEINZ KOHUT--CORRESPONDENCE, 1939-1981	27,500
INSTITUTION TOTAL	1	27,500	
CITY TOTAL	1	27,500	
ANN ARBOR			
UNIVERSITY OF MICHIGAN AT ANN ARBOR			
1S10 RR05833-01	ALTSCHULER, RICHARD A	LASER SCANNING CONFOCAL MICROSCOPE WITH IMAGE PROCESSING	267,000
1R29 AI30501-01	BAKER, JAMES R, JR	CHARACTERIZATION OF THYROID AUTOANTIBODIES/AUTOANTIGENS	111,300
1R29 CA53787-01	BECKER, MARK P	ANALYSIS OF REPEATED CATEGORICAL MEASUREMENTS	92,282
1S10 RR05583-01	CARLSON, BRUCE M	PHILIPS CM 10/PC ELECTRON MICROSCOPE WITH CRYOSTAGE	227,000
1P01 DK42718-01	COLLINS, FRANCIS S	EXPERIMENTAL MODELS OF GENE THERAPY	966,113
1R01 HL45351-01	DIXIT, VISHVA M	CYTOKINE MODULATION OF ENDOTHELIAL GENE EXPRESSION	173,646
1R01 HL44085-01A1	FANTONE, JOSEPH C	MECHANISMS OF MYOCARDIAL ISCHEMIA REPERFUSION INJURY	140,184
1S15 GM45505-01	GOLDSTEIN, IRWIN J	SMALL INSTRUMENTATION PROGRAM	86,269
1R01 CA52298-01	KAMINSKI, MARK S	ANTI-TUMOR EFFECTS OF ANTI-IDIOTYPE ANTIBODIES	139,584
1R01 GM44887-01	LA DU, BERT N JR	DNA POLYMORPHIC FORMS OF HUMAN SERUM CHOLINESTERASE	204,402
1R01 DK39199-01A3	OWYANG, CHUNG	SECRETIN & GASTRIC MOTILITY IN HEALTH & DUODENAL ULCERS	228,641
1R01 GM42703-01A1	PECORARO, VINCENT L	BIOLOGICAL VANADIUM--MODELS OF STRUCTURE AND REACTIVITY	98,742
1R29 DK42485-01	RAPER, STEVEN E	ANTIPROLIFERATIVE EFFECTS OF SOMATOSTATIN ON THE LIVER	93,276
1R01 GM44918-01	REMICK, DANIEL G	ROLE OF CYTOKINES IN SEPSIS AND TRAUMA	183,613
1R29 NR01950-01A2	SAMPSELLE, CAROLYN M	NURSING INTERVENTION/PELVIC FLOOR EXERCISE IN PREGNANCY	80,678
1R01 DC00706-01A1	WAKEFIELD, GREGORY H	BINAURAL LOCALIZATION IN COMPLEX ACOUSTIC ENVIRONMENTS	181,415

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN AT ANN ARBOR			
1R01 GM44965-01	WEBER, WENDELL W	RECOMBINANT DNA STUDY OF RAPID/SLOW N-ACETYLTRANSFERASES	243,819
INSTITUTION TOTAL	17	3,517,964	
CITY TOTAL	17	3,517,964	
DETROIT			
HENRY FORD HOSPITAL			
1S10 RR05783-01	HELPERN, JOSEPH A	NUCLEAR MAGNETIC RESONANCE SUPERCONDUCTING MAGNET	400,000
1S10 RR05793-01	WINDHAM, JOE P	PURCHASE OF IMAGE PROCESSING AND DISPLAY SYSTEM	180,000
INSTITUTION TOTAL	2	580,000	
MICHIGAN CANCER FOUNDATION			
1S15 CA53656-01	CHRISTMAN, JUDITH K	SMALL INSTRUMENTATION GRANT	16,946
1R01 CA48927-01A1	RUSSO, JOSE	INFLUENCE OF PUBERTY ON BREAST TOPOGRAPHY AND NEOPLASIA	258,466
1R29 CA50383-01A1	SCHWARTZ, ANN G	FAMILIAL RISK OF LUNG CANCER	80,473
INSTITUTION TOTAL	3	355,885	
WAYNE STATE UNIVERSITY			
1R29 CA50715-01A1	AL-KATIB, AYAD M	DIFFERENTIATION-RELATED PROTEINS IN MALIGNANT CELLS	89,950
1R01 HD25795-01A1	ARMANT, DAVID R	TROPHOBLAST INTERACTIONS WITH FIBRONECTIN	105,982
1R01 CA47424-01A2	CHEN, BEN D	GROWTH REGULATION IN NORMAL AND TRANSFORMED PHAGOCYTES	112,343
1S15 CA53738-01	HEBERLEIN, GARRETT T	SMALL INSTRUMENTATION GRANT	19,425
1R29 HL41991-01A2	KASIM, SIDIKA E	MECHANISM OF ATHEROGENIC LIPID RESPONSE TO W-3 FISH OILS	97,331
1R13 CA52294-01	KESSEL, DAVID H	SYMPOSIUM ON PHOTODYNAMIC THERAPY	2,500
1R01 CA52603-01	LERMAN, STEPHEN P	CHEMO/IMMUNOTHERAPY OF A T CELL DEPENDENT B CELL TUMOR	141,658
1R01 CA50465-01A1	ONODA, JAMES M	RADIATION EFFECTS ON PLASMA MEMBRANE RECEPTORS	204,674
1S15 CA53708-01	SHEA, FREDERICKA P	SMALL INSTRUMENTATION PROGRAM	5,000
1S10 RR05737-01	SKOFF, ROBERT P	ACAS LASER CYTOMETER	78,000
1R01 GM44582-01	TREVOR, KATRINA T	INTERMEDIATE FILAMENTS IN SIMPLE EPITHELIAL CELLS	138,629
1R13 CA52454-01	VALERIOTE, FREDERICK A	ANTICANCER DRUG DISCOVERY AND DEVELOPMENT SYMPOSIUM	4,000
INSTITUTION TOTAL	12	999,492	
CITY TOTAL	17	1,935,377	
EAST LANSING			
MICHIGAN STATE UNIVERSITY			
1S15 GM45496-01	BIEBER, LORAN L	SMALL INSTRUMENT GRANT PROGRAM	30,768
1R01 DK42268-01A1	DILLON, PATRICK F	ENERGY TRANSDUCTION IN THE URINARY BLADDER	126,443

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MICHIGAN			
EAST LANSING			
MICHIGAN STATE UNIVERSITY			
1R29 DK40210-01A2	GALLIGAN, JAMES J	INTESTINAL MOTILITY--MECHANISMS OF REGULATION	69,623
1R01 ES05299-01A1	GOODMAN, JAY I	THRESHOLD MECHANISMS IN ENVIRONMENTAL TOXICOLOGY	135,274
1S15 CA53670-01	MC CORMICK, J JUSTIN	SMALL INSTRUMENTATION GRANT	17,584
1R01 DK42509-01	SMITH, WILLIAM L	CATALYSIS BY PROSTAGLANDIN G/H SYNTHASE	110,497
INSTITUTION TOTAL	6	490,189	
CITY TOTAL	6	490,189	
HOLLAND			
HOPE COLLEGE			
1R15 GM44318-01	TAYLOR, STEPHEN K	SYNTHESIS VIA REACTIONS OF ENOLATES WITH EPOXIDES	103,430
INSTITUTION TOTAL	1	103,430	
CITY TOTAL	1	103,430	
ROCHESTER			
PROTEINS INTERNATIONAL			
1R43 EY08641-01	ELIEZER, NAOMI	TARGETING OF IMMUNOTOXINS TO LENS EPITHELIAL CELLS	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
STATE TOTAL	**43**	**6,124,460**	
MINNESOTA			
DULUTH			
UNIVERSITY OF MINNESOTA AT DULUTH			
1R15 ES05360-01	FIRLING, CONRAD E	EMBRYONIC BONE FORMATION DURING ALUMINUM TOXICITY	89,792
INSTITUTION TOTAL	1	89,792	
CITY TOTAL	1	89,792	
EDEN PRAIRIE			
BIO-METRIC SYSTEMS, INC.			
1R43 DK42763-01	CLAPPER, DAVID L	SURFACE MODIFYING TO IMPROVE URINARY CATHETER FUNCTION	50,000
1R43 HL44831-01	DUNKIRK, SHAWN G	SURFACE-MODIFICATION OF BIOMATERIALS	50,000
1R43 HL45367-01	DUNKIRK, SHAWN G	BONDED SLIPPERY SURFACES FOR MEDICAL DEVICES	50,000
1R43 AI28149-01A1	SWANSON, MELVIN J	ANTIBODY EXTRACTION FOR DETECTION OF LIPOPHILIC ANALYTES	50,000
INSTITUTION TOTAL	4	200,000	

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	4 200,000		
MINNESOTA			
MINNEAPOLIS			
MINNEAPOLIS MEDICAL RESEARCH FOUNDATION, INC.			
1R29 GM44764-01	WEST, MICHAEL A	REGULATION OF MACROPHAGE FUNCTION IN SURGICAL SEPSIS	75,465
INSTITUTION TOTAL	1 75,465		
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL			
1S10 RR05877-01	AZAR, SILVIA H	MERIDIAN INSTRUMENTS INTERACTIVE LASER CYTOMETER	249,000
1S10 RR05786-01	BEITZ, ALVIN J	HITACHI ELECTRON MICROSCOPE	220,000
1R01 GM43199-01A1	BERNLOHR, DAVID A	YEAST LIPID BINDING PROTEIN--IDENTIFICATION AND ANALYSIS	127,759
1S10 RR05754-01	BOWERS, LARRY D	TANDEM MASS SPECTROMETER	345,000
1R01 HL44917-01	CHRISTIE, DOUGLAS J	IMMUNE MEDIATED REFRACTORINESS TO PLATELET TRANSFUSION	117,167
1R01 HL41086-01A2	CONNELLY, DONALD P	EFFECT OF AN EXPERT SYSTEM ON PLATELET TRANSFUSION	160,227
1R01 DK42433-01	DUANE, WILLIAM C	REGULATION OF BILIARY LIPID METABOLISM	146,107
1R13 AI29526-01	DUNNY, GARY M	3RD INTERNATIONAL CONFERENCE ON STREPTOCOCCAL GENETICS	7,000
1S10 RR05784-01	GRAY, GARY R	MASS SPECTROMETER AND ACCESSORIES	320,000
1R01 GM44757-01	HAYS, THOMAS S	STRUCTURE AND FUNCTION OF CYTOPLASMIC DYNEIN	158,547
1S15 CA53707-01	HOGENKAMP, HENRICUS P	SMALL INSTRUMENTATION GRANT	49,279
1R01 AI29739-01	JOHNSON, RUSSELL C	ANTIGENIC/IMMUNOGENIC COMPONENTS--BORRELIA BURGDORFERI	142,714
1S15 HL45757-01	KANE , ROBERT L	SMALL INSTRUMENTATION GRANT	36,405
1R01 DK43142-01	KINLAW, WILLIAM B, III	PHYSIOLOGICAL FUNCTION OF THE S14 PROTEIN	110,601
1R01 HL43232-01A1	KJELSBERG, MARCUS O	MORTALITY FOLLOW-UP AND ANALYSIS--MRFIT RANDOMIZED MEN	354,300
1R01 HL44992-01	LANDO, HARRY A	RECYCLING OF CHRONIC SMOKERS TO SUSTAINED ABSTINENCE	263,681
1R01 HD24700-01A2	LEON, GLORIA R	PROSPECTIVE ANALYSIS OF ADOLESCENT EATING PRACTICES	251,832
1R13 CA52734-01	MCKINNELL, ROBERT G	VITH INTERNATIONAL CONFERENCE ON DIFFERENTIATION OF NORM	7,000
1P01 CA50305-01A1	POTTER, JOHN D	COLON CANCER PREVENTION RESEARCH UNIT	1,347,327
1R01 GM44507-01	ZISSLER, JAMES F	GENETIC ANALYSIS OF CELL-CELL SIGNALING IN MYXOCOCCUS	150,720
INSTITUTION TOTAL	20 4,564,666		
CITY TOTAL	21 4,640,131		
ROCHESTER			
MAYO FOUNDATION			
1R21 EY08039-01A1	BOURNE, WILLIAM M	NEI CLINCIAL RESEACH DEVELOPMENT AWARD	91,028
1R29 HL44116-01A1	KATUSIC, ZVONIMIR S	ENDOTHELIUM-DEPENDENT CONTRACTIONS & CEREBRAL VASOSPASM	80,045
1R01 HL45532-01	REHDER, KAI	ANESTHESIA AND AIRWAYS	208,492
INSTITUTION TOTAL	3 379,565		
CITY TOTAL	3 379,565		

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MINNESOTA			
SAINT PAUL			
COLLEGE OF ST. THOMAS			
1R15 DK42626-01	CRUISE, JENNIFER L	ALPHA-1 ADRENORECEPTOR, RAS P21, AND LIVER REGENERATION	80,044
INSTITUTION TOTAL	1		80,044
CITY TOTAL	1		80,044
STATE TOTAL	**30**		**5,389,532**
MISSISSIPPI			
HATTIESBURG			
UNIVERSITY OF SOUTHERN MISSISSIPPI			
1R29 DK41892-01A1	BATEMAN, ROBERT C JR	MECHANISTIC STUDIES OF GLUTAMINE CYCLOTRANSFERASE	84,513
INSTITUTION TOTAL	1		84,513
CITY TOTAL	1		84,513
JACKSON			
UNIVERSITY OF MISSISSIPPI MEDICAL CENTER			
1S10 RR05631-01	OLSON, MARK O	AMINO ACID ANALYZER AND UPDATE OF PROTEIN SEQUENCER	135,000
1S15 GM45515-01	SLOBIN, LAWRENCE I	SMALL INSTRUMENTATION GRANT	28,598
INSTITUTION TOTAL	2		163,598
CITY TOTAL	2		163,598
MISSISSIPPI STATE			
MISSISSIPPI STATE UNIVERSITY			
1R15 ES05371-01	PRUETT, STEPHEN B	MECHANISMS OF IMMUNOTOXICITY OF ORGANOPHOSPHATES	106,488
INSTITUTION TOTAL	1		106,488
CITY TOTAL	1		106,488
UNIVERSITY			
UNIVERSITY OF MISSISSIPPI			
1S15 AI30684-01	CLARK, ALICE M	SMALL INSTRUMENTATION GRANT	5,582
INSTITUTION TOTAL	1		5,582
CITY TOTAL	1		5,582
STATE TOTAL	**5**		**360,181**

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MISSOURI			
COLUMBIA			
UNIVERSITY OF MISSOURI-COLUMBIA			
1R01 NR01522-01A3	GANONG, LAWRENCE H	EFFECTS OF FAMILY STRUCTURE STEREOTYPES ON NURSES	90,298
1R01 GM42584-01A1	HEWETT, JOHN E	ORDER RESTRICTED INFERENCE FROM LONGITUDINAL DATA	70,284
1R29 AI30127-01	MC DONALD, GREGORY A	IMMUNOGENICITY AND REGULATION OF RICKETTSIAL PROTEINS	89,487
1S10 RR05581-01	MC INTOSH, MARK A	DNA SEQUENCE CORE FACILITY	152,000
1S15 NS29154-01	SHERIDAN, JUDSON D	SMALL INSTRUMENTATION GRANT	19,875
1R01 DK43491-01	SUNDE, ROGER A	NUTRITIONAL REGULATION OF SELENOENZYMES AND PROTEINS	118,011
INSTITUTION TOTAL	6	539,955	
CITY TOTAL	6	539,955	
KANSAS CITY			
UNIVERSITY OF MISSOURI-KANSAS CITY			
1R15 NS28522-01	CHRONWALL, BIBIE M	ONTOGENY OF TUBERO-HYPOPHYSIAL CO-TRANSMISSION	107,780
1R15 AI29634-01	HIRSCHBERG, RONA L	MOLECULAR GENETIC STUDIES OF EIKENELLA CORRODENS	108,000
1R01 GM43514-01	STADER, JOAN A	MULTIPLE FUNCTIONS OF THE LAMB SIGNAL SEQUENCE	99,159
INSTITUTION TOTAL	3	314,939	
CITY TOTAL	3	314,939	
SAINT LOUIS			
CENTRAL INSTITUTE FOR THE DEAF			
1R01 DC00786-01	GILKEY, ROBERT H	MONAURAL MASKING BINAURAL MASKING & THEIR INTERRELATIONS	81,205
INSTITUTION TOTAL	1	81,205	
JEWISH HOSPITAL OF ST. LOUIS			
1R29 HL45058-01	PERSSON, ANDERS V	ROLE OF GLYCOLIPIDS AND LECTINS IN SURFACTANT METABOLISM	92,572
INSTITUTION TOTAL	1	92,572	
ST. LOUIS UNIVERSITY			
1R01 AI29541-01	CHINNDAURAI, GOVINDASWAMY	INHIBITION OF HIV GENE EXPRESSION BY ADENOVIRUS MUTANTS	208,953
1R13 AG09207-01	COE, RODNEY M	MEMORY FUNCTION IN AGING AND AGING-RELATED CHANGES	5,763
1S10 RR05666-01	LAGUNOFF, DAVID	CONFOCAL FLUORESCENCE IMAGING SYSTEM	158,000
1R15 AI29597-01	MEDOFF, JUDITH	RAS GENE FUNCTION IN FUNGAL DIMORPHISM	107,437
1R01 GM43237-01A1	WOLLENZIEN, PAUL L	STRUCTURE AND MECHANISM OF RIBOSOMAL RNA IN THE RIBOSOME	114,726
INSTITUTION TOTAL	5	594,879	
WASHINGTON UNIVERSITY			
1R01 HL45466-01	BEYER, ERIC C	INTERCELLULAR COMMUNICATION IN THE DEVELOPING HEART	166,947

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MISSOURI			
SAINT LOUIS			
WASHINGTON UNIVERSITY			
1R01 GM44592-01	BLUMER, KENDALL J	MECHANISM AND REGULATION OF RECEPTOR-G PROTEIN SIGNALLIN	146,727
1S15 GM45467-01	CURTISS, ROY, III	SMALL INSTRUMENTATION GRANT	39,729
1R01 CA49438-01A2	DEAN, DOUGLAS C	REGULATION OF FIBRONECTIN EXPRESSION	190,870
1R01 AI28480-01A1	FLYE, M WAYNE	MODIFICATION OF THE IMMUNE RESPONSE-BY THE LIVER	167,915
1R29 GM44573-01	FRISCH, STEVEN M	EIA CONTROL OF PROTEASE GENE TRANSCRIPTION	141,597
1R01 DK42958-01	HAMMERMAN, MARC R	INSULIN-LIKE GROWTH FACTORS AND KIDNEY DEVELOPMENT	115,580
1R01 AI30803-01	KANAGAWA, OSAMI	ROLE OF CD4/CD8 MOLECULE IN T CELL SPECIFICITY	177,058
1R29 DK42120-01A1	LOWE, MARK EVAN	HUMAN PANCREATIC LIPASE & COLIPASE STRUCTURE & FUNCTION	100,004
1R29 HD27258-01	MOE, AARON J	GLUTAMATE METABOLISM IN CULTURED HUMAN TROPHOBLAST	101,140
1R01 GM44655-01	NORMARK, STAFFAN	TROPISMS AND INTERACTIVE SURFACES OF BACTERIAL ADHESINS	138,113
1S15 AR40755-01	OSDOBY, PHILIP A	SMALL INSTRUMENTATION GRANT	5,688
1S15 AI30712-01	PECK, WILLIAM A	SMALL INSTRUMENTATION GRANT	86,916
1R01 AR40574-01	PENTLAND, ALICE P	MECHANISMS OF ENHANCED EICOSANOID SYNTHESIS IN UV INJURY	100,380
1R01 HL46029-01	RYAN, UNA S	HUMAN PULMONARY ENDOTHELIUM--GENE TRANSFER AND RESPONSES	209,223
1R01 GM44889-01	SAWYER, STANLEY	STATISTICAL TESTS FOR DETECTION OF GENE CONVERSION	92,985
1R13 DK42841-01	STAHL, PHILIP D	GORDON RESEARCH CONFERENCE ON LYSOSOMES	3,000
INSTITUTION TOTAL	17	1,983,872	
CITY TOTAL	24	2,752,528	
STATE TOTAL	**33**	**3,607,422**	
MONTANA			
BOZEMAN			
MONTANA UNIVERSITY SYSTEM--MONTANA STATE UNIVERSITY			
1S10 RR05848-01	CALLIS, PATRIK R	MINI-SUPERCOMPUTER AND PEPTIDE SYNTHESIZER	152,000
1S15 AI30721-01	PADEN, CHARLES M	SMALL INSTRUMENTATION GRANT	11,508
1R01 AI29001-01A1	REED, NORMAN D	DIFFERENT IMBALANCES OF CYTOKINES IN NEMATODE INFECTIONS	97,414
INSTITUTION TOTAL	3	260,922	
CITY TOTAL	3	260,922	
GREAT FALLS			
MC LAUGHLIN RESEARCH INSTITUTE FOR BIOMEDICAL SCIENCES, INC.			
1S15 GM45468-01	CARLSON, GEORGE A	SMALL INSTRUMENTATION GRANT	5,556
INSTITUTION TOTAL	1	5,556	
CITY TOTAL	1	5,556	

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MONTANA				
MISSOULA				
MONTANA UNIVERSITY SYSTEM--UNIVERSITY OF MONTANA				
1R15 AI29559-01	DEBORDE, DAN C		INFLUENZA B VIRUS AND MATRIX GENE ORF	94,215
1R15 DK42720-01	FEVOLD, H RICHARD		CYTOCHROME P-450XVII GENE STRUCTURE AND REGULATION	94,597
INSTITUTION TOTAL	2	188,812		
CITY TOTAL	2	188,812		
STATE TOTAL	**6**	**455,290**		
NEBRASKA				
BOYS TOWN				
FATHER FLANAGAN'S BOYS' HOME				
1S15 DC00958-01	JESTEADT, WALT		SMALL INSTRUMENTATION GRANT	8,960
1R01 DC01007-01	WALSH, EDWARD J		ONTOGENY OF COCHLEAR NUCLEUS RESPONSES TO AMINO ACIDS	120,769
INSTITUTION TOTAL	2	129,729		
CITY TOTAL	2	129,729		
LINCOLN				
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA AT LINCOLN				
1S10 RR05614-01	GROSS, MICHAEL L		ION TRAP AND DATA SYSTEM UPGRADE FOR MCMS	171,400
1S15 GM45482-01	PRICE, CAROLYN M		SMALL INSTRUMENTATION GRANT	14,994
INSTITUTION TOTAL	2	186,394		
CITY TOTAL	2	186,394		
OMAHA				
CREIGHTON UNIVERSITY				
1R01 CA44799-01A3	ADRIAN, THOMAS E		CHOLECYSTOKININ EFFECT ON PANCREATIC GROWTH & TUMORS	105,403
1R01 AR40064-01A1	STRATES, BASIL S		BONE INDUCTION AND REPAIR ENHANCEMENT--MODES-MODULATIONS	95,866
INSTITUTION TOTAL	2	201,269		
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA MEDICAL CENTER				
1R01 ES04762-01A2	ANGLE, CAROL R		CHILDHOOD BLOOD LEAD--AIR, SOIL, AND DUST SOURCES	255,681
1S10 RR05908-01	CROUSE, DAVID A		FLOW CYTOMETER TO UPGRADE & EXPAND THE CORE FACILITY	272,000
1R01 AI29327-01	GIAM, CHOU-ZEN		MECHANISM OF AUTOCATALYSIS OF HIV PROTEASE	106,021
1S15 CA53724-01	WALDMAN, ROBERT H		SMALL INSTRUMENTATION GRANT	24,631
INSTITUTION TOTAL	4	658,333		
CITY TOTAL	6	859,602		

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	10	1,175,725		
NEVADA				
RENO				
UNIVERSITY OF NEVADA SYSTEM--UNIVERSITY OF NEVADA RENO				
1S15 AI30692-01	BILLINGS, RUTH E		SMALL INSTRUMENTATION GRANT	16,694
1S10 RR05876-01	BUXTON, IAIN L O		QUANTITATIVE FLUORESCENCE DETECTION SYSTEM	100,000
INSTITUTION TOTAL	2	116,694		
CITY TOTAL	2	116,694		
STATE TOTAL	**2**	**116,694**		
NEW HAMPSHIRE				
DURHAM				
UNIVERSITY OF NEW HAMPSHIRE SYSTEM--UNIVERSITY OF NEW HAMPSHIRE				
1S15 HL45772-01	CARR, RUSSELL T		SMALL INSTRUMENTATION GRANT	5,251
1R01 GM41215-01A1	DENIS, CLYDE L		YEAST GENES INVOLVED IN GENERAL TRANSCRIPTIONAL CONTROL	186,223
1R15 AI27929-01A1	RODGERS, FRANK G		ADHERENCE IN THE PATHOGENESIS OF LEGIONELLA PNEUMOPHILA	110,751
1R15 HD26913-01	TSANG, PAUL C		LUTEAL FUNCTION--ROLES OF GROWTH FACTORS AND ONCOGENES	116,351
INSTITUTION TOTAL	4	418,576		
CITY TOTAL	4	418,576		
HANOVER				
DARTMOUTH COLLEGE				
1R01 CA48088-01A1	COLACCHIO, THOMAS ANTHONY		INTRAOPERATIVE RADIATION THERAPY AND HYPERTHERMIA	373,520
1R01 CA51106-01A1	CURPHEY, THOMAS J		SOLID-PHASE ELECTROPHILE TRAPPING AGENTS	94,855
1R01 HD27706-01	GALTON, VALERIE A		THYROID HORMONE RECEPTORS IN DEVELOPMENT	155,151
1R01 DK42816-01	LIENHARD, GUSTAV E		PHOSPHOTYROSYL PROTEINS IN INSULIN RECEPTOR SIGNALING	246,556
1S15 AI30690-01	MC COLLUM, ROBERT W		SMALL INSTRUMENTATION GRANT	67,205
1R01 ES05252-01A1	NOELLE, RANDOLPH J		EFFECT OF HG AND CD ON B LYMPHOCYTE FUNCTION	178,393
1S15 CA53722-01	WETTERHAHN, KAREN E		SMALL INSTRUMENTATION GRANT	10,072
INSTITUTION TOTAL	7	1,125,752		
CITY TOTAL	7	1,125,752		
KEENE				
UNIVERSITY OF NEW HAMPSHIRE SYSTEM--KEENE STATE COLLEGE				
1R15 GM44362-01	JASINSKI, JERRY P		LANTHANIDE ION COMPLEXATION BY NUCLEOTIDES	90,738
INSTITUTION TOTAL	1	90,738		
CITY TOTAL	1	90,738		

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	12	1,635,066		
NEW JERSEY				
BROWNS MILLS				
DEBORAH RESEARCH INSTITUTE				
1R01 HL42975-01A1	GU, JIANG		MORPHOLOGICAL STUDY OF CARDIAC INNERVATION	66,124
1R01 HL44916-01	GU, JIANG		HIV-I PROTEINS AND RNA IN THE HEART OF AIDS PATIENTS	69,581
INSTITUTION TOTAL	2	135,705		
CITY TOTAL	2	135,705		
CHESTER				
PEGASUS TECHNOLOGIES, INC.				
1R43 HL44848-01	BABSON, ARTHUR L		SIMPLE DIAGNOSTIC SYSTEM FOR MYOCARDIAL INFARCTION	50,000
INSTITUTION TOTAL	1	50,000		
CITY TOTAL	1	50,000		
NEWARK				
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY				
1S15 AG09503-01	HIRSCHBERG, ERICH		SMALL INSTRUMENTATION GRANT	42,252
INSTITUTION TOTAL	1	42,252		
CITY TOTAL	1	42,252		
PISCATAWAY				
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY-ROBERT WOOD JOHNSON MEDICAL SCHOOL				
1S10 RR05878-01	BRODSKY, BARBARA M		CIRCULAR DICHROISM SPECTROPHOTOMETER	123,000
1R29 HL44678-01	MELTON, JOSEPH E		RESPIRATORY CONTROL--DETERMINANTS OF HYPOXIC GASPING	106,538
1R01 NS28061-01A1	NOWAKOWSKI, RICHARD S		CELL PROLIFERATION IN DEVELOPING HIPPOCAMPAL REGION	109,056
1R29 HL42445-01A1	PARISI, RICHARD A		DETERMINANTS OF COMPARTMENTAL UPPER AIRWAY RESISTANCE	98,179
1R01 CA51443-01	ROBERTSON, FREDIKA M		ROLE OF KERATINOCYTE SUB-POPULATIONS IN TUMOR PROMOTION	206,901
1R29 AR40556-01	STOLLE, CATHERINE A		PATHOBIOCHEMISTRY OF EHLERS-DANLOS SYNDROME TYPE 1	93,536
INSTITUTION TOTAL	6	737,210		
CITY TOTAL	6	737,210		
PRINCETON				
MEDIMATRIX, INC.				
1R43 AR40265-01	PACHENCE, JAMES M		DEVELOPMENT OF A TISSUE ANALOG FOR CARTILAGE REPAIR	50,000
INSTITUTION TOTAL	1	50,000		

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW JERSEY			
PRINCETON			
PRINCETON UNIVERSITY			
1S15 CA53638-01	FRESCO, JACQUES R	SMALL INSTRUMENTATION GRANT	55,510
1S10 RR05767-01	HOEBEL, BARTLEY G	ESA COULOCHEM ELECTRODE ARRAY SYSTEM WITH AUTOMATION	100,000
1R01 GM42733-01A1	KAHNE, DANIEL E	GLYCOSYLATION STRATEGIES FOR OLIGOSACCHARIDE SYNTHESIS	178,595
INSTITUTION TOTAL 3			334,105
CITY TOTAL 4			384,105
SOUTH ORANGE			
SETON HALL UNIVERSITY			
1R29 HL44914-01	HOUSE, STEVEN D	MICROVASCULAR CELL DYNAMICS IN THE INFLAMMATORY PROCESS	108,094
INSTITUTION TOTAL 1			108,094
CITY TOTAL 1			108,094
STATE TOTAL 15			**1,457,366**
NEW MEXICO			
ALBUQUERQUE			
LOVELACE MEDICAL FOUNDATION			
1R01 CA51130-01	EDWARDS, BRUCE S	NK AND TARGET CELL BIODYNAMIC MECHANISMS	192,874
INSTITUTION TOTAL 1			192,874
UNIVERSITY OF NEW MEXICO ALBUQUERQUE			
1S10 RR05660-01	KAZIM, ABDUL-LATIF	EQUIPPING A PROTEIN CHEMISTRY LABORATORY	162,000
1S15 AR40752-01	LOKER, ERIC S	SMALL INSTRUMENTATION GRANT	12,100
1S15 AI30675-01	SCALETTI, JOSEPH V	SMALL INSTRUMENTATION PROGRAM	34,755
1R01 HL44253-01A1	SCHUYLER, MARK R	EXPERIMENTAL OCCUPATIONAL HYPERSENSITIVITY PNEUMONITIS	79,016
1R01 DK41562-01A1	WOODSIDE, WILLIAM F	ADRENOCEPTOR ROLE IN ATHEROSCLEROTIC SERUM LIPID CHANGES	101,644
INSTITUTION TOTAL 5			389,515
CITY TOTAL 6			582,389
LAS CRUCES			
NEW MEXICO STATE UNIVERSITY AT LAS CRUCES			
1S15 AI30693-01	MC CARTHY, CHARLOTTE M	SMALL INSTRUMENTATION GRANT	10,236
INSTITUTION TOTAL 1			10,236
CITY TOTAL 1			10,236

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW MEXICO			
LOS ALAMOS			
UNIVERSITY OF CALIFORNIA-LOS ALAMOS NATIONAL LABORATORY			
1S15 CA53775-01	CRAM, L SCOTT	SMALL INSTRUMENTATION GRANT	24,800
1R01 AI28433-01A1	PERELSON, ALAN S	IMMUNE SYSTEM MODELING	152,048
INSTITUTION TOTAL	2	176,848	
CITY TOTAL	2	176,848	
STATE TOTAL	9	769,473	
NEW YORK			
ALBANY			
NEW YORK STATE COUNCIL FOR MENTAL HYGIENE PLANNING			
1R13 AG08949-01	IQBAL, KHALID	INTERNATIONAL CONFERENCE ON ALZHEIMER'S DISEASE	30,106
INSTITUTION TOTAL	1	30,106	
NEW YORK STATE DEPARTMENT OF HEALTH			
1R01 GM44844-01	BELFORT, MARLENE	EXPRESSION OF AN INTERRUPTED PROKARYOTIC GENE	220,850
1S15 GM45488-01	STURMAN, LAWRENCE	SMALL INSTRUMENTATION GRANT	31,939
INSTITUTION TOTAL	2	252,789	
NEW YORK STATE DEPARTMENT OF HEALTH--WADSWORTH CENTER FOR LABORATORIES AND RESEARCH			
1R01 ES05172-01A1	DE CAPRIO, ANTHONY P	ENVIRONMENTAL NEUROTOXICANTS & THE AXONAL CYTOSKELETON	101,230
INSTITUTION TOTAL	1	101,230	
NEW YORK STATE OFFICE OF MENTAL HEALTH			
1P01 AG09017-01	CARP, RICHARD I	SEARCH FOR A TRANSMISSIBLE AGENT IN ALZHEIMER'S DISEASE	710,119
INSTITUTION TOTAL	1	710,119	
STATE UNIVERSITY OF NEW YORK AT ALBANY			
1S10 RR05547-01	HANSON, DAVID M	PURCHASE OF A 600 MHZ NMR SPECTROMETER	400,000
1R01 CA49466-01A2	MC CORMICK, PAULETTE J	ANALYSIS OF A NON-TUMORIGENIC TERATOCARCINOMA CELL LINE	124,122
INSTITUTION TOTAL	2	524,122	
UNION COLLEGE AND UNIVERSITY--ALBANY MEDICAL COLLEGE OF UNION UNIV			
1S10 RR05612-01	ANDERSEN, THOMAS T	PROTEIN SEQUENCER	128,000
1R01 CA50749-01	HRUSHESKY, WILLIAM J	CHRONOBIOLOGICAL INVESTIGATION OF TNF AND IL-2	96,193
INSTITUTION TOTAL	2	224,193	
CITY TOTAL	9	1,842,559	

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
BUFFALO			
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE			
1R01 CA50675-01A1	HELD, WILLIAM A	ANDROGEN CONDITIONAL CARCINOGENESIS IN TRANSGENIC MICE	151,843
INSTITUTION TOTAL	1	151,843	
STATE UNIVERSITY OF NEW YORK AT BUFFALO			
1S10 RR05758-01	APICELLA, MICHAEL A	HITACHI MODEL H-7000 TRANSMISSION ELECTRON MICROSCOPE	200,000
1R01 DE09562-01	BERGEY, EARL J	CHARACTERIZATION OF SALIVA-HIV INTERACTIONS	227,955
1R29 HL43796-01	BURTON, HAROLD W	MICROVASCULAR STUDIES IN REGENERATED SKELETAL MUSCLE	87,282
1R01 NS26321-01A2	JACOBS, LAWRENCE D	IM RECOMBINANT BETA INTERFERON AS TREATMENT FOR MS	1,330,349
1S15 CA53735-01	KALMAN, THOMAS I	SMALL INSTRUMENTATION GRANT	13,172
1R29 DK43649-01	LANCE, MICHAEL P	HEPATIC AND COLONIC SIALYLTRANSFERASE EXPRESSION	77,833
1S15 CA53671-01	LAWRENCE, DAVID S	SMALL INSTRUMENTATION PROGRAM	14,500
1R03 DE09580-01	LOOMIS, RONALD E	SOLID STATE STRUCTURAL ANALYSIS OF SALIVARY PROTEINS	22,905
1R29 DC00879-01	LUCE, PAUL A	SPOKEN WORD RECOGNITION AND NEIGHBORHOOD ACTIVATION	87,174
1R01 HL41387-01A3	MORIN, FREDERICK C, III	DEVELOPMENT OF SUSTAINED PULMONARY HYPERTENSION AT BIRTH	217,060
1R01 AI28824-01A1	NILES, EDWARD G	INVESTIGATION OF THE VACCINA VIRUS CAPPING ENZYME	185,039
1R01 AI30399-01	REKOSH, DAVID M	HIV ASSEMBLY	120,417
INSTITUTION TOTAL	12	2,583,686	
CITY TOTAL	13	2,735,529	
COLD SPRING HARBOR			
COLD SPRING HARBOR LABORATORY			
1R01 HL45453-01	FIELD, LOREN J	CLONING GENES THAT REGULATE MYOCARDIOCYTE PROLIFERATION	338,772
1S10 RR05866-01	SPECTOR, DAVID L	PURCHASE OF A CONFOCAL LASER MICROSCOPE	180,000
INSTITUTION TOTAL	2	518,772	
CITY TOTAL	2	518,772	
COOPERSTOWN			
MARY IMOGENE BASSETT HOSPITAL AND CLINICS			
1S15 CA53751-01	REED, ROBERTA G	SMALL INSTRUMENTATION PROGRAM	6,746
INSTITUTION TOTAL	1	6,746	
CITY TOTAL	1	6,746	
ITHACA			
CORNELL UNIVERSITY ITHACA			
1R01 GM44885-01	FRECHET, JEAN M J	POLYMERIC SEPARATION MEDIA FOR LIQUID CHROMATOGRAPHY	158,997

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
ITHACA			
CORNELL UNIVERSITY ITHACA			
1S15 CA53667-01	PHEMISTER, ROBERT D	SMALL INSTRUMENTATION PROGRAM	35,127
1R13 RR05957-01	SHORT, CHARLES E	ANIMAL PAIN AND ITS CONTROL	21,975
INSTITUTION TOTAL	3	216,099	
CITY TOTAL	3	216,099	
LOUDONVILLE			
SIENA COLLEGE			
1R15 GM41871-01A1	HAYDEN, JOHN H	REGULATION OF ORGANELLE TRANSPORT IN HUMAN FIBROBLASTS	78,948
INSTITUTION TOTAL	1	78,948	
CITY TOTAL	1	78,948	
MANHASSET			
NORTH SHORE UNIVERSITY HOSPITAL			
1R01 CA51012-01A2	HALL, WILLIAM W	CONCOMITANT INFECTIONS WITH HIV AND HTLV-I/HTLV-II	254,242
1S15 CA53663-01	RATTAZZI, MARIO C	SMALL INSTRUMENTATION PROGRAM	12,412
1R01 HL40914-01A2	WILKES, BARRY M	VASCULAR THROMBOXANE RECEPTORS IN HUMAN PLACENTA	131,085
INSTITUTION TOTAL	3	397,739	
ONCOGENE SCIENCE, INC.			
1R43 HL44829-01	STEWART, ALEXANDER	DISCOVERY OF NOVEL CHOLESTEROL-LOWERING DRUGS	49,667
INSTITUTION TOTAL	1	49,667	
CITY TOTAL	4	447,406	
NEW YORK			
AMERICAN HEALTH FOUNDATION			
1R01 CA51830-01	CHUNG, FUNG-LUNG	ENDOGENOUS ENALS IN NITROSAMINE CARCINOGENESIS	180,388
1R01 ES05174-01A1	MC QUEEN, CHARLENE A	GENETIC SUSCEPTIBILITY TO AROMATIC AMINES TOXICITY	133,268
1S15 CA53658-01	WYNDER, ERNST L	SMALL INSTRUMENTATION PROGRAM	40,655
INSTITUTION TOTAL	3	354,311	
BETH ISRAEL MEDICAL CENTER			
1S15 HL45795-01	MOSBACH, ERWIN H	SMALL INSTRUMENTATION PROGRAM	10,170
INSTITUTION TOTAL	1	10,170	

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
CITY UNIVERSITY OF NEW YORK--COLLEGE OF STATEN ISLAND ST. GEORGE CAMPUS			
1S15 GM45471-01	RESCH, RICHARD I	SMALL INSTRUMENTATION GRANT	5,000
INSTITUTION TOTAL 1	5,000		
CITY UNIVERSITY OF NEW YORK--GRADUATE SCHOOL AND UNIVERSITY CENTER			
1S15 NS29152-01	PROSHANSKY, HAROLD M	SMALL INSTRUMENTATION GRANT	10,983
INSTITUTION TOTAL 1	10,983		
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE			
1S15 AI30695-01	EISENMAN, JOSEPH S	SMALL INSTRUMENTATION GRANT	74,531
1R01 CA52491-01	ITZKOWITZ, STEVEN H	PATHOBIOLOGY OF COLON CANCER MUCIN	163,523
1R01 AI30546-01	ZIER, KAREN S	DECREASED IL-2 SYNTHESIS IN TYPE I DIABETES	159,993
INSTITUTION TOTAL 3	398,047		
COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK			
1R01 NS27113-01A2	DODD, JANE	AXON GUIDANCE IN THE SPINAL CORD	209,981
1R29 HL45377-01	EBIHARA, LISA MD PHD	PHYSIOLOGY OF CARDIAC GAP JUNCTIONS	111,443
1R01 AI30653-01	ECKHARDT, LAUREL A	CONTROL OF GENE EXPRESSION IN MYELOMA CELLS	181,705
1S15 GM45511-01	FORMICOLA, ALLAN J	SMALL INSTRUMENTATION GRANT	18,474
1P01 CA49062-01A1	HALL, ERIC J	RADIATION BIOLOGY OF SIMULATED RADON-DAUGHTER ALPHAS	960,463
1R29 CA54044-01	LIEBERMAN, HOWARD B	REPAIR OF DNA DAMAGE INDUCED BY RADIATIONS	97,708
1S15 GM45500-01	MEISEL, MARTIN	SMALL INSTRUMENTATION GRANT	62,958
1R01 CA51196-01A1	PERERA, FREDERICA P	BIOMARKERS OF ENVIRONMENTAL TOBACCO SMOKE EXPOSURE	223,023
1R01 AI30033-01	PERNIS, BENVENUTO G	BINDING OF HIV PEPTIDES TO CLASS II MHC ON HUMAN CELLS	182,812
1R01 HL43731-01	ROSEN, MICHAEL R	ISCHEMIA, NEUROHUMORS, ARRHYTHMIAS AND DIAGNOSIS	354,284
1R01 GM44525-01	STILL, WILLIAM C, JR	THEORETICAL AND EXPERIMENTAL STUDIES OF COMPLEXATION	175,233
1S10 RR05832-01	TAPLEY, DONALD F	VAX6310	189,000
INSTITUTION TOTAL 12	2,767,084		
COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY TEACHERS COLLEGE			
1R01 GM44585-01	MARCANTONIO, EUGENE E	STRUCTURE AND FUNCTION OF THE INTEGRIN ALPHA1 BETA1	172,897
INSTITUTION TOTAL 1	172,897		
CORNELL UNIVERSITY MEDICAL CENTER			
1R29 AI30165-01	DING, AIHAO	MICROTUBULE'S ROLE IN MACROPHAGE RESPONSE TO LPS	98,747
1R01 HL40819-01A2	FALCONE, DOMENICK J	MODIFIED-LDL REGULATES MACROPHAGE PLASMINOGEN ACTIVATION	87,240
1R01 HL45458-01	FISCHMAN, DONALD A	MOLECULAR/CELLULAR BIOLOGY OF CARDIOMYOCYTE DEVELOPMENT	140,832
1R01 HL45343-01	HAJJAR, DAVID P	VIRAL TROPISM IN VASCULAR AGING--ROLE OF FGF RECEPTOR	205,551

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
CORNELL UNIVERSITY MEDICAL CENTER			
1R01 CA52108-01	MOLDAWER, LYLE L	CYTOKINES AS ENDOGENOUS MEDIATORS OF CANCER CACHEXIA	126,561
1R29 AI30063-01	NOEL, GARY J	MACROPHAGE DEFENSES AGAINST HAEMOPHILUS INFLUENZAE	93,832
1S10 RR05576-01	PICKEL, VIRGINIA M	TRANSMISSION ELECTRON MICROSCOPE	252,000
1R01 GM44947-01	SCOTTO, ANTHONY W	PROTEOLIPOSOME--MEMBRANE MODEL	163,074
1R01 HL45313-01	SOFFER, RICHARD L	SOLUBLE ANGIOTENSIN RECEPTOR STRUCTURE AND REGULATION	181,279
INSTITUTION TOTAL	9	1,349,116	
EMBRYONICS, INC.			
1R43 HD26221-01A1	SIGOLOFF, JOYCE C	COMPUTER-BASED KNOWLEDGE SYSTEM IN REPRODUCTIVE SCIENCES	50,000
INSTITUTION TOTAL	1	50,000	
FORDHAM UNIVERSITY			
1S15 CA53669-01	RUBIN, BERISH Y	SMALL INSTRUMENTATION GRANT	12,439
INSTITUTION TOTAL	1	12,439	
HEBREW HOME FOR THE AGED AT RIVERDALE			
1R01 AG08948-01	TERESI, JEANNE A	IMPACT OF SPECIAL CARE UNITS IN NURSING HOMES	113,671
INSTITUTION TOTAL	1	113,671	
HOSPITAL FOR JOINT DISEASES ORTHOPAEDIC INSTITUTE			
1R01 AR40495-01	WINCHESTER, ROBERT J	IMMUNOGENETIC BASIS OF LYME DISEASE SUSCEPTIBILITY	198,602
1S15 AR40750-01	WINCHESTER, ROBERT J	SMALL INSTRUMENTATION PROGRAM	15,228
INSTITUTION TOTAL	2	213,830	
HOSPITAL FOR SPECIAL SURGERY			
1R01 AI28367-01A1	CROW, MARY K	ROLE OF ACTIVATED B LYMPHOCYTES IN IMMUNE RESPONSES	115,481
1S15 AR40753-01	WRIGHT, TIMOTHY M	SMALL INSTRUMENTATION GRANT	16,179
INSTITUTION TOTAL	2	131,660	
INTERSYSTEMS, INC.			
1R43 HL44790-01	DOZIER, CYNTHIA E	SMOKING CESSATION AMONG AFRICAN-AMERICAN ADOLESCENTS	49,998
INSTITUTION TOTAL	1	49,998	
MANHATTAN COLLEGE			
1R15 CA49929-01A1	PASCONE, ROMEO J	MR BIRDCAGE RESONATOR THEORY AND EXPERIMENT	102,870
INSTITUTION TOTAL	1	102,870	

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
MEMORIAL SLOAN-KETTERING CANCER CENTER--MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES			
1R01 CA50645-01A1	FRIEDMAN, EILEEN A	TUMOR PROMOTER INDUCED PROTEIN PHOSPHORYLATION	161,642
1R01 CA53083-01	KERNER, JON F	CANCER CONTROL NEEDS IN MULTI-ETHNIC COMMUNITIES	175,000
1R01 CA52713-01	LING, C CLIFTON	RADIOBIOLOGY OF LOW-ENERGY AND SHORT-LIVED ISOTOPES	126,187
INSTITUTION TOTAL	3	462,829	
MEMORIAL SLOAN-KETTERING CANCER CENTER--SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH			
1R01 DK42693-01	MOORE, MALCOLM A	RETROVIRAL GENE TRANSFER INTO HUMAN PROGENITORS	273,410
INSTITUTION TOTAL	1	273,410	
NEW YORK STATE DEPARTMENT OF HEALTH			
1R01 CA51524-01A1	PORTER, CARL W	IMPLICATIONS OF INDUCIBLE POLYAMINE CATABOLISM	103,907
INSTITUTION TOTAL	1	103,907	
NEW YORK STATE OFFICE OF MENTAL HEALTH--NEW YORK STATE PSYCHIATRIC INSTITUTE			
1S15 HL45774-01	OLDHAM, JOHN	SMALL INSTRUMENTATION GRANT	54,674
INSTITUTION TOTAL	1	54,674	
NEW YORK UNIVERSITY			
1R01 AI29963-01	BOROWIEC, JAMES A	MECHANISMS OF SV 40 DNA REPLICATION	189,735
1R01 DK34900-01A4	BUXBAUM, JOEL N	GENE EXPRESSION IN FAMILIAL AND SENILE CARDIAC AMYLOID	51,293
1S15 CA53660-01	FARBER, SAUL J	SMALL INSTRUMENTATION GRANT	80,763
1R01 EY08300-01A1	HAWKEN, MICHAEL J	CORTICAL REPRESENTATION OF THE VISUAL IMAGE	106,972
1R01 AG09127-01	REISBERG, BARRY	BEHAVIORAL AND PSYCHOTIC SYMPTOMS IN ALZHEIMER'S DISEASE	203,166
1R01 DE09576-01	RIFKIN, BARRY R	EFFECT OF TETRACYCLINES ON BONE CELL FUNCTION IN VITRO	297,108
1R01 HL42103-01A2	ZUCKER-FRANKLIN, DOROTHEA	EFFECT OF HIV ON HEMATOPOIETIC AND STROMAL MARROW CELLS	175,792
INSTITUTION TOTAL	7	1,104,829	
PUBLIC HEALTH RESEARCH INSTITUTE OF THE CITY OF NEW YORK, INC.			
1S15 GM45480-01	BECK, DAVID P	SMALL INSTRUMENTATION PROGRAM	25,837
INSTITUTION TOTAL	1	25,837	
ROCKEFELLER UNIVERSITY			
1R01 AI28944-01A1	BESSEN, DEBRA E	MOLECULAR PROPERTIES OF CLASS I & II STREPTOCOCCI	108,047
1S15 GM45521-01	DELEUSE, BETTY W	SMALL INSTRUMENTATION PROGRAM	77,531
1R29 DK41380-01A1	EDENS, NEILE K	REGULATION OF ADIPOCYTE FREE FATTY ACID REESTERIFICATION	104,308
1S10 RR05869-01	ROEDER, ROBERT G	SYNTHESIS AND SEQUENCE ANALYSIS SYSTEM	143,000

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
ROCKEFELLER UNIVERSITY			
1R01 EY08240-01A1	TS'O, DANIEL Y	COLOR PROCESSING IN PRIMATE VISUAL CORTEX	127,114
INSTITUTION TOTAL 5	560,000		
ST. LUKE'S-ROOSEVELT INSTITUTE FOR HEALTH SCIENCES			
1S15 HL45807-01	LIEBERMAN, SEYMOUR	SMALL INSTRUMENTATION PROGRAM	28,909
1S10 RR05681-01	PI-SUNYER, F XAVIER	RESPIRATORY CHAMBER-INDIRECT CALORIMETER	272,000
1P01 DK42618-01	PIERSON, RICHARD N, JR	MEDICAL APPLICATION OF HIGH PRECISION NEUTRON ACTIVATION	1,223,193
INSTITUTION TOTAL 3	1,524,102		
STATE UNIVERSITY OF NEW YORK--HEALTH SCIENCE CENTER AT BROOKLYN			
1R01 GM43374-01	LANGE, CHRISTOPHER S	TESTS OF THE UNINEME MODEL FOR MAMMALIAN CHROMOSOME	174,841
INSTITUTION TOTAL 1	174,841		
VIRO DYNAMICS			
1R43 CA52322-01	HAMBY, CARL V	IMMUNOAFFINITY PURIFICATION WITH ANTI-ID ANTIBODIES	49,979
INSTITUTION TOTAL 1	49,979		
YESHIVA UNIVERSITY			
1S10 RR05752-01	CONDEELIS, JOHN S	SCANNING CONFOCAL MICROSCOPE WITH 3D GRAPHICS	209,000
1R01 CA52621-01	LILLY, FRANK	RESISTANCE TO CHEMICALLY INDUCED LYMPHOMA IN MICE	250,019
1R01 NS27900-01A1	SIMPSON, GREGORY V	DYNAMICS AND CEREBRAL SOURCES OF ATTENTIONAL PROCESSES	196,761
1P01 DK41918-01A1	WOLKOFF, ALLAN W	LIVER CELL MEMBRANE PROTEINS--EXPRESSION AND FUNCTION	987,458
INSTITUTION TOTAL 4	1,643,238		
CITY TOTAL 68	11,719,722		
POUGHKEEPSIE			
VASSAR COLLEGE			
1R15 AI29604-01	MAYNE, JEFFREY	MDCK CELL MUTANTS DEFECTIVE IN GLYCOPROTEIN MATURATION	100,202
1S15 AI30679-01	NORROD, ERMINIA P	SMALL INSTRUMENTATION GRANT	6,343
INSTITUTION TOTAL 2	106,545		
CITY TOTAL 2	106,545		
ROCHESTER			
UNIVERSITY OF ROCHESTER			
1S15 AR40747-01	ABRAHAM, GEORGE N	SMALL INSTRUMENTATION PROGRAM	81,593

NIH RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
ROCHESTER			
UNIVERSITY OF ROCHESTER			
1R35 AG09016-01	COLEMAN, PAUL D	LEADERSHIP AND EXCELLENCE IN ALZHEIMER'S DISEASE	759,568
1R01 ES04862-01A2	GASIEWICZ, THOMAS A	EFFECT OF TCDD ON THYMIC LYMPHOCYTE DIFFERENTIATION	164,476
1P01 AI29522-01	LEDDY, JOHN P	IMMUNOLOGIC DISEASES--CELLULAR AND MOLECULAR MECHANISMS	558,041
1R01 AI30798-01	MCCANCE, DENNIS J	EFFECTS OF HPV6 & 16 ON EPITHELIAL CELL DIFFERENTIATION	211,554
1S15 HL45841-01	MCCOWN, DARLENE E	SMALL INSTRUMENTATION GRANT	6,615
1R01 CA52572-01	OAKES, DAVID	STATISTICAL ANALYSIS OF MULTIPLE EVENT TIME DATA	55,503
INSTITUTION TOTAL	7	1,837,350	
CITY TOTAL	7	1,837,350	
SARANAC LAKE			
TRUDEAU INSTITUTE, INC.			
1R01 CA50891-01	DYE, EARL S	INFLUENCE OF BIOPERIODICITY ON TUMOR IMMUNOTHERAPY	61,064
1R01 AI28354-01A1	HARMSEN, ALLEN G	RECONSTITUTION OF IMMUNITY TO PNEUMOCYSTIS IN SCID MICE	143,038
1S15 AI30683-01	NORTH, ROBERT J	SMALL INSTRUMENTATION PROGRAM	10,078
INSTITUTION TOTAL	3	214,180	
CITY TOTAL	3	214,180	
SHOREHAM			
MOLTECH CORPORATION			
1R43 DK42379-01	HALE, PAUL D	AMPEROMETRIC GLUCOSE SENSOR WITH REDOX POLYMER MEDIATORS	49,743
INSTITUTION TOTAL	1	49,743	
CITY TOTAL	1	49,743	
SMITHTOWN			
QUANTRONIX CORPORATION			
1R43 EY08646-01	DROZDOWICZ, ZBIGNIEW	Q-SWITCHED 2-MICRON LASER FOR OPHTHALMOLOGY	33,363
INSTITUTION TOTAL	1	33,363	
CITY TOTAL	1	33,363	
STONY BROOK			
STATE UNIVERSITY OF NEW YORK AT STONY BROOK			
1R01 AR40445-01	BENACH, JORGE L	BORRELIA BURGDORFERI--INVASION AND CHONICITY	119,096
1R01 AR40470-01	COYLE, PATRICIA K	IMMUNE COMPLEX ANLYSIS IN LYME NEUROBORRELIOSIS	95,643
1S10 RR05899-01	HANSON, DAVID M	PURCHASE OF A X-RAY DIFFRACTOMETER	199,000

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
STONY BROOK			
STATE UNIVERSITY OF NEW YORK AT STONY BROOK			
1R29 CA50773-01A1	REICH, NANCY C	CELLULAR & ONCOGENIC CONTROL OF INTERFERON INDUCED GENES	89,561
1S10 RR05821-01	VOLKMAN, DAVID J	RESEARCH FLOW CYTOMETER	330,000
INSTITUTION TOTAL	5	833,300	
CITY TOTAL	5	833,300	
SYRACUSE			
STATE UNIVERSITY OF NEW YORK--HEALTH SCIENCE CENTER AT SYRACUSE			
1P01 HL39707-01A1	JALIFE, JOSE	INTERCELLULAR COMMUNICATION AND IMPULSE PROPAGATION	1,187,089
1R01 GM43111-01A1	LUCAS, JOHN J	CARBOHYDRATE DETERMINANTS IN TRANSFERRIN RECEPTOR ACTION	206,996
INSTITUTION TOTAL	2	1,394,085	
CITY TOTAL	2	1,394,085	
TROY			
RENSSELAER POLYTECHNIC INSTITUTE			
1R01 HL45287-01	FRYE, LEAH L	DUAL-ACTION INHIBITORS OF CHOLESTEROL BIOSYNTHESIS	104,686
INSTITUTION TOTAL	1	104,686	
CITY TOTAL	1	104,686	
UPTON			
ASSOCIATED UNIVERSITIES--BROOKHAVEN NATIONAL LABORATORY			
1S10 RR05641-01	LACKS, SANFORD A	AUTOMATED DNA SEQUENCING SYSTEM	173,000
1S15 CA53705-01	SETLOW, RICHARD B	SMALL INSTRUMENTATION GRANT	34,461
INSTITUTION TOTAL	2	207,461	
CITY TOTAL	2	207,461	
VALHALLA			
NEW YORK MEDICAL COLLEGE			
1R01 HL43252-01A1	VILLANUEVA, GERMAN B	CONFORMATIONAL STUDIES OF PROTEINS IN CONTACT ACTIVATION	298,074
INSTITUTION TOTAL	1	298,074	
CITY TOTAL	1	298,074	
WHITE PLAINS			
BURKE REHABILITATION CENTER			
1S15 AG09505-01	MC DOWELL, FLETCHER H	SMALL INSTRUMENTATION PROGRAM	8,895

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	8,895	
CITY TOTAL	1	8,895	
STATE TOTAL	**127**	**22,653,463**	

NORTH CAROLINA

CHAPEL HILL

UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

1S10 RR05763-01	CARSON, JOHNNY L	HIGH RESOLUTION TRANSMISSION ELECTRON MICROSCOPE	184,000
1R01 AR40620-01	EISENBERG, ROBERT A	B CELLS IN MURINE SLE	141,802
1R01 AI29324-01	FRELINGER, JEFFREY A	ROLE OF HLA CLASS I MOLECULES IN THE CTL RESPONSE TO HIV	169,945
1R03 CA52447-01	HULKA, BARBARA S	RARE HA-RAS ALLELES AND BREAST CANCER	69,437
1R29 GM43528-01A1	HUNT, STEPHEN W, III	MURINE TLA GENES--ORGANIZATION, EXPRESSION, REGULATION	93,012
1S10 RR05780-01	LEMASTERS, JOHN J	LASER SCANNING CONFOCAL MICROSCOPE	196,000
1S15 GM45477-01	O'CONNOR, J DENNIS	SMALL INSTRUMENTATION GRANT	41,271
1R01 HL44173-01A1	PARADISO, ANTHONY M	CONTROL OF CELLULAR PH IN HUMAN NASAL EPITHELIUM	102,308
1S10 RR05885-01	TSUI, BENJAMIN M W	ADVANCED BIOMEDICAL COMPUTING AND DISPLAY FACILITY	50,000
INSTITUTION TOTAL	9	1,047,775	
CITY TOTAL	9	1,047,775	

DURHAM

DUKE UNIVERSITY

1R01 AI29821-01A1	CULLEN, BRYAN R	TRANS-DOMINANT MUTANT REPRESSORS OF HIV-1 REPLICATION	146,780
1R01 GM41071-01A2	FRASER-REID, BERTRAM O	PENTENYL GLYCOSIDES IN TRANSFORMATIONS AT ANOMERIC CTR	157,698
1R29 DK42486-01	GETTYS, THOMAS W	G-PROTEIN FUNCTION IN ADIPOCYTES FROM DIABETIC RODENTS	70,754
1R01 HL43707-01A1	HANNUN, YUSUF A	ROLE AND REGULATION OF PLATELET PROTEIN KINASE C	179,982
1S15 GM45490-01	HOCHMUTH, ROBERT M	SMALL INSTRUMENTATION GRANT	34,713
1S10 RR05842-01	METZGAR, RICHARD S	COMPUTER-ASSISTED IMAGE ANALYSIS INSTRUMENT	217,000
1R13 HG00258-01	PERICAK-VANCE, MARGARET A	INTERNATIONAL WORKSHOP ON CHROMOSOME 19	27,853
1P01 CA47741-01A2	PETERS, WILLIAM P	AUTOLOGOUS BONE MARROW TRANSPLANTS--BREAST/OVARY CANCER	893,855
1R01 HL44972-01	REICHERT, WILLIAM M	ENDOTHELIAL CELL ADHESION TO POLYMERS STUDIED BY TIRF	94,507
1S15 HL45836-01	SNYDERMAN, RALPH	SMALL INSTRUMENTATION GRANT	86,697
1R01 HL45132-01	STRAUSS, HAROLD C	ELECTROPHYIOLOGIC PROPERTIES OF ENDOTHELIAL CELLS	239,406
1R01 AI29852-01A1	WEINHOLD, KENT J	CHARACTERIZATION OF ANTI-HIV 1 CELLULAR CYTOXICITIES	185,882
1R01 GM44973-01	WHITE, STEPHEN W	STRUCTURAL STUDIES OF RIBOSOMAL COMPONENTS	302,671
INSTITUTION TOTAL	13	2,637,798	
CITY TOTAL	13	2,637,798	

GREENSBORO

UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT GREENSBORO

1R15 DC00061-01	DECASPER, ANTHONY J	FETAL EXPERIENCE AND ASYMMETRIC HEARING IN NEWBORNS	98,806

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NORTH CAROLINA			
GREENSBORO			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT GREENSBORO			
1R15 HD25587-01A1	HUNT, ROBERT R	PROBLEM SOLVING--INTENTIONAL VS UNINTENTIONAL RETRIEVAL	89,811
1R15 HD26965-01	LANGE, GARRETT W	MEMORY-STRATEGY TRANSFER IN YOUNG CHILDREN	96,976
INSTITUTION TOTAL	3	285,593	
CITY TOTAL	3	285,593	
GREENVILLE			
UNIVERSITY OF NORTH CAROLINA SYSTEM--EAST CAROLINA UNIVERSITY			
1S15 AR40754-01	HALLOCK, JAMES A	SMALL INSTRUMENTATION GRANT	14,809
INSTITUTION TOTAL	1	14,809	
CITY TOTAL	1	14,809	
RALEIGH			
UNIVERSITY OF NORTH CAROLINA SYSTEM--NORTH CAROLINA STATE UNIVERSITY AT RALEIGH			
1R29 CA46637-01A2	SMART, ROBERT C	DIACYLGLYCEROLS AS TUMOR PROMOTERS	93,859
INSTITUTION TOTAL	1	93,859	
CITY TOTAL	1	93,859	
RESEARCH TRIANGLE PARK			
BIOTHERM, INC.			
1R43 HL45356-01	OBERHARDT, BRUCE J	FIBRINOGEN ASSAY FOR THROMBOLYTIC THERAPY	50,000
INSTITUTION TOTAL	1	50,000	
TRIANGLE RESEARCH AND DEVELOPMENT CORPORATION			
1R43 AG08907-01	COLVIN, DAVID P	LIFT SUPPORT/FALLS INTERVENTION SYSTEM FOR THE ELDERLY	49,894
1R43 HL44834-01	WATSON, NEIL A	MICROSURGICAL TRAINING MODEL	50,000
INSTITUTION TOTAL	2	99,894	
CITY TOTAL	3	149,894	
WINSTON-SALEM			
WAKE FOREST UNIVERSITY			
1R01 CA52443-01	BREWER, GARY A	POST TRANSCRIPTIONAL REGULATION--ONCOGENE MESSENGER RNA	118,096
1R01 NR02410-01	MOORE, MARY L	REDUCE LOW BIRTH WEIGHT--INTENSIVE NURSING INTERVENTION	189,832
1S15 GM45503-01	PENRY, J KIFFIN	SMALL INSTRUMENTATION GRANT	73,817
INSTITUTION TOTAL	3	381,745	

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	3	381,745		
STATE TOTAL	**33**	**4,611,473**		
OHIO				
AKRON				
UNIVERSITY OF AKRON				
1R15 GM44177-01	KOSER, GERALD F		SYNTHESIS OF PHOSPHATE ESTERS WITH IODINE--III REAGENTS	106,500
1R01 NR02662-01	WINEMAN, NANCY M		EMOTIONAL WELL-BEING IN THE DISABLED--NURSING STUDY	212,391
1S15 GM45498-01	WODARSKI, JOHN S		SMALL INSTRUMENTATION GRANT	5,000
INSTITUTION TOTAL	3	323,891		
CITY TOTAL	3	323,891		
ASHLAND				
OXYRASE, INC.				
1R43 AI29767-01	COPELAND, JAMES C		NEW METHOD FOR SURFACE GROWTH OF ANAEROBIC BACTERIA	43,300
INSTITUTION TOTAL	1	43,300		
CITY TOTAL	1	43,300		
ATHENS				
OHIO UNIVERSITY ATHENS				
1S15 NS29150-01	ROWE, MICHAEL H		SMALL INSTRUMENTATION GRANT	6,475
INSTITUTION TOTAL	1	6,475		
CITY TOTAL	1	6,475		
CINCINNATI				
CHILDREN'S HOSPITAL MEDICAL CENTER				
1R01 GM42969-01A1	WIGINTON, DAN A		ADENOSINE DEAMINASE--MECHANISMS OF TISSUE EXPRESSION	154,762
INSTITUTION TOTAL	1	154,762		
CHRIST HOSPITAL--JAMES N. GAMBLE INSTITUTE OF MEDICAL RESEARCH				
1S15 AI30711-01	BERNSTEIN, DAVID I		SMALL INSTRUMENTATION GRANT	4,875
INSTITUTION TOTAL	1	4,875		
UNIVERSITY OF CINCINNATI AT CINCINNATI				
1R13 NS28658-01	ANDERSON, DOUGLAS K		NEUROTRAUMA SYMPOSIUM	15,700

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OHIO			
CINCINNATI			
UNIVERSITY OF CINCINNATI AT CINCINNATI			
1R01 ES05400-01	DIXON, KATHLEEN	IN VITRO ANALYSIS OF MECHANISMS OF MAMMALIAN MUTAGENESIS	236,257
1R01 HD26471-01	DOETSCHMAN, THOMAS C	TARGETED MUTATION OF TGF-BETA-1 IN ES CELLS	134,537
1S10 RR05815-01	FERGUSON, DONALD G	FREEZE FRACTURE DEVICE	134,000
1R01 HL44897-01	GREENWALT, TIBOR J	RED CELL PRESERVATION	113,324
1R01 DK40917-01A2	HUI, DAVID Y	CHOLESTEROL ESTERASES IN MAMMALIAN TISSUES	209,871
1S15 HL45830-01	HUTTON, JOHN J	SMALL INSTRUMENTATION PROGRAM	75,351
1R01 HL40572-01A3	SPERELAKIS, NICHOLAS	REGULATION OF ION CHANNELS IN VASCULAR SMOOTH MUSCLE	185,047
1R01 HL45243-01	THOMAS, STEPHEN R	PFC BLOOD SUBSTITUTES FOR IN VIVO QUANTITATION OF OXYGEN	119,056
INSTITUTION TOTAL	9	1,223,143	
CITY TOTAL	11	1,382,780	
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY			
1R01 DK41527-01	ARON, DAVID C	INSULIN-LIKE GROWTH FACTOR I IN DIABETIC NEPHROPATHY	60,952
1S10 RR05590-01	GARNER, PHILIP P	HIGH FIELD NMR SYSTEM	257,000
1R01 HD26554-01	HACK, MAUREEN	SCHOOL AGE CONSEQUENCES OF 750 GRAM BIRTHWEIGHT	177,092
1R29 AR40225-01A1	KESTER, MARK	ENDOGENOUS DIRADYLGLYCEROLS IN SMOOTH MUSCLE CELL TYPES	85,407
1R01 HD26722-01	MAGNUSON, TERRY R	MUTAGENESIS OF GENES EXPRESSED DURING MOUSE DEVELOPMENT	211,810
1R01 CA51802-01	MUKHTAR, HASAN	PHTHALOCYANINE PHOTODYNAMIC THERAPY OF SKIN TUMORS	145,528
1R01 CA50001-01A1	OLEINICK, NANCY L	PHTHALOCYANINE PHOTOSENSITIZATION CYTOTOXIC MECHANISMS	224,971
1R01 NS28631-01	OLNESS, KAREN N	NEURODEVELOPMENTAL STATUS IN HIV+ UGANDAN INFANTS	202,904
1R01 ES05227-01A1	RORKE, ELLEN A	TOXICANT INDUCED CHANGES IN UTERINE & CERVICAL EPITHELIA	124,222
1R01 HL45345-01	WALSH, KENNETH	MOLECULAR BIOLOGY OF SMOOTH MUSCLE DIFFERENTIATION	78,152
INSTITUTION TOTAL	10	1,568,038	
CLEVELAND CLINIC FOUNDATION			
1S10 RR05582-01	BOND, MEREDITH	SCANNING TRANSMISSION ELECTRON MICROSCOPE +XRAY ANALYZER	275,000
1S15 HL45827-01	HEALY, BERNADINE	SMALL INSTRUMENTATION GRANT	42,227
INSTITUTION TOTAL	2	317,227	
MOUNT SINAI MEDICAL CENTER			
1S15 HL45825-01	LEVY, MATTHEW N	SMALL INSTRUMENTATION GRANT	6,742
INSTITUTION TOTAL	1	6,742	
CITY TOTAL	13	1,892,007	
COLUMBUS			
OHIO STATE UNIVERSITY			
1S15 HL45829-01	CORNWELL, DAVID G	SMALL INSTRUMENTATION GRANT	53,975

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OHIO			
COLUMBUS			
OHIO STATE UNIVERSITY			
1R01 DK39570-01A3	KRAKOWKA, GEORGE S	CAMPYLOBACTER PYLORI-INDUCED GASTRIC DISEASE	153,087
1R01 GM40179-01A1	LEUSSING, DANIEL L	METAL ION CATALYSIS IN GROUP AND PROTON TRANSFER	147,433
1S10 RR05872-01	MARSHALL, ALAN G	PURCHASE OF A GAS CHROMATOGRAPH/MASS SPECTROMETER	365,000
1R01 AI30010-01	RIKIHISA, YASUKO	EHRLICHIACIDAL MECHANISM BY MACROPHAGE CA++ MOBILIZATION	155,840
1S15 GM45519-01	SHERIDAN, MARY E	SMALL INSTRUMENTATION GRANT	39,125
1R15 NR02462-01	WAGNER, JANET D	HEALTH OF HOMELESS & POOR SCHOOL-AGED CHILDREN	102,767
1R01 DK41825-01A1	WOOD, JACKIE D	COLITIS AND COLON CANCER IN COTTON-TOP TAMARINS	160,814
INSTITUTION TOTAL	8	1,178,041	
CITY TOTAL	8	1,178,041	
DAYTON			
NETROLOGIC, INC.			
1R43 GM44683-01	JOHNSON, JAMES R	METHOD FOR MACHINE RECOGNITION OF CHEMICAL STRUCTURES	43,102
INSTITUTION TOTAL	1	43,102	
UNIVERSITY OF DAYTON			
1R29 HD27684-01	TSONIS, PANAGIOTIS A	ROLE OF VITAMIN D IN CHONDROGENESIS	87,401
INSTITUTION TOTAL	1	87,401	
WRIGHT STATE UNIVERSITY			
1S15 CA53755-01	KANTOR, GEORGE J	SMALL INSTRUMENTATION GRANT	5,000
1R29 AG08589-01A1	TSANG, PAMELA	AGING AND PILOT TIME-SHARING PERFORMANCE	90,972
INSTITUTION TOTAL	2	95,972	
CITY TOTAL	4	226,475	
MOUNT SAINT JOSEPH			
COLLEGE OF MOUNT ST. JOSEPH-ON-THE-OHIO			
1R15 GM42114-01A1	BUCCIGROSS, JEANNE M	ABILITY OF LANTHANIDES TO MIMIC CA(II) IN CALMODULIN	82,500
INSTITUTION TOTAL	1	82,500	
CITY TOTAL	1	82,500	
OXFORD			
MIAMI UNIVERSITY OXFORD			
1R15 GM41870-01A1	PENNOCK, DAVID G	CONTROL OF CILIA BIOGENESIS IN TETRAHYMENA THERMOPHILA	103,496
INSTITUTION TOTAL	1	103,496	

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	103,496		
OHIO				
ROOTSTOWN				
NORTHEASTERN OHIO UNIVERSITIES COLLEGE OF MEDICINE				
1R29 HL45245-01	DICARLO, STEPHEN E		EXERCISE TRAINING AND CARDIOVASCULAR REGULATION	122,689
1R01 DK42671-01	HARDWICK, JAMES P		CHARACTERIZATION OF OMEGA HYDROXYLASE P450 GENE FAMILY	145,926
1S15 GM45485-01	WALRO, JON M		SMALL INSTRUMENTATION GRANT	5,972
INSTITUTION TOTAL	3	274,587		
CITY TOTAL	3	274,587		
TOLEDO				
MEDICAL COLLEGE OF OHIO AT TOLEDO				
1R01 HL45341-01	RAPP, JOHN P		MOLECULAR GENETIC ANALYSIS OF BLOOD PRESSURE IN THE RAT	187,331
1R01 AI28506-01A1	SAWICKI, STANLEY G		CORONAVIRUS RNA SYNTHESIS--LYTIC & PERSISTENT INFECTIONS	131,893
INSTITUTION TOTAL	2	319,224		
UNIVERSITY OF TOLEDO				
1S15 AG09501-01	HOSS, WAYNE P		SMALL INSTRUMENTATION GRANT	5,000
INSTITUTION TOTAL	1	5,000		
CITY TOTAL	3	324,224		
YOUNGSTOWN				
YOUNGSTOWN STATE UNIVERSITY				
1R15 HD26903-01	LEIPHEIMER, ROBERT E		NEUROENDOCRINE REGULATION OF REPRODUCTIVE BEHAVIOR	93,721
INSTITUTION TOTAL	1	93,721		
CITY TOTAL	1	93,721		
STATE TOTAL	**50**	**5,931,497**		
OKLAHOMA				
OKLAHOMA CITY				
OKLAHOMA MEDICAL RESEARCH FOUNDATION				
1S10 RR05792-01	FLOYD, ROBERT A		ELECTRON SPIN RESONANCE SPECTROMETER	277,000
1S10 RR05826-01	TANG, JORDAN J		SHARED CLONING/SEQUENCING RESEARCH FACILITY	103,000
INSTITUTION TOTAL	2	380,000		

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OKLAHOMA				
OKLAHOMA CITY				
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER				
1S15 AI30722-01	BRANDT, EDWARD N JR		SMALL INSTRUMENTATION PROGRAM	29,216
INSTITUTION TOTAL	1	29,216		
CITY TOTAL	3	409,216		
TAHLEQUAH				
NORTHEASTERN OKLAHOMA STATE UNIVERSITY				
1R15 EY08545-01	WICKHAM, M GARY		COMPUTER BASED IMAGE ANALYSIS OF IRIS SECTIONS	95,418
INSTITUTION TOTAL	1	95,418		
CITY TOTAL	1	95,418		
STATE TOTAL	**4**	**504,634**		
OREGON				
BEAVERTON				
OREGON GRADUATE INSTITUTE OF SCIENCE AND TECHNOLOGY				
1S15 GM45523-01	LOEHR, THOMAS M		SMALL INSTRUMENTATION GRANT	5,293
INSTITUTION TOTAL	1	5,293		
CITY TOTAL	1	5,293		
BEND				
BEND RESEARCH, INC.				
1R43 HL44227-01	RADOVICH, JOHN M		HOLLOW-FIBER DEVICE FOR REMOVING IL-1 IN HEMATOPOIESIS	49,750
1R43 HL44822-01	WEST, JAMES B		ENZYME REACTORS FOR THE SYNTHESIS OF PEPTIDE INHIBITORS	40,379
INSTITUTION TOTAL	2	90,129		
CITY TOTAL	2	90,129		
EUGENE				
OREGON RESEARCH INSTITUTE				
1S15 CA53747-01	ARY, DENNIS V		SMALL INSTRUMENTATION GRANT	16,485
1S10 RR05903-01	ARY, DENNIS V		DEC VAX 6310 UPGRADE	235,000
INSTITUTION TOTAL	2	251,485		
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON				
1S15 NS29148-01	MOSELEY, JOHN T		SMALL INSTRUMENTATION PROGRAM	42,371
INSTITUTION TOTAL	1	42,371		

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	3	293,856		
OREGON				
PORTLAND				
CYBER ANALYTICS, INC.				
1R43 AG09149-01	SPEARS, BARBARA L		FINANCIAL PLANNING FOR RETIREMENT	47,774
INSTITUTION TOTAL	1	47,774		
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY				
1S10 RR05558-01	FERRACANE, JACK L		SEM/ELECTRON MICROPROBE	396,000
1R01 HG00022-01	LITT, MICHAEL		HIGHLY POLYMORPHIC MICROSATELLITE SEQUENCES IN THE HUMAN	233,087
1P30 AG08017-01A1	ZIMMERMAN, EARL A		ALZHEIMER'S DISEASE RESEARCH CENTER	507,038
INSTITUTION TOTAL	3	1,136,125		
PROVIDENCE MEDICAL CENTER				
1S15 HL45766-01	HERMSMEYER, R KENT		SMALL INSTRUMENTATION PROGRAM	5,900
INSTITUTION TOTAL	1	5,900		
REED COLLEGE				
1S15 NS29153-01	ARCH, STEPHEN W		SMALL INSTRUMENTATION GRANT	5,000
1R15 GM44210-01	BLACK, STEVEN D		ORIGIN AND LOCALIZATION OF SPECIFIC PROTEINS	98,831
INSTITUTION TOTAL	2	103,831		
CITY TOTAL	7	1,293,630		
STATE TOTAL	**13**	**1,682,908**		
PENNSYLVANIA				
BETHLEHEM				
LEHIGH UNIVERSITY				
1R15 GM44439-01	FOSTER, NATALIE		PHOTOSENSITIZERS IN MODEL MICROENVIRONMENTS	120,750
INSTITUTION TOTAL	1	120,750		
CITY TOTAL	1	120,750		
DANVILLE				
GEISINGER FOUNDATION				
1S15 HL45803-01	MORGAN, HOWARD E		SMALL INSTRUMENTATION PROGRAM	8,134
INSTITUTION TOTAL	1	8,134		

NIH RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
DANVILLE			
GEISINGER FOUNDATION--WEIS CENTER FOR RESEARCH OF THE GEISINGER CLINIC			
1R01 HL44883-01	BAKER, KENNETH M	REGULATION OF CARDIAC HYPERTROPHY BY ANGIOTENSINS	145,852
INSTITUTION TOTAL	1	145,852	
CITY TOTAL	2	153,986	
GETTYSBURG			
GETTYSBURG COLLEGE			
1R15 GM42115-01A1	HIRAIZUMI, KAZUO	POPULATION GENETICS OF XANTHINE DEHYDROGENASE EXPRESSION	78,179
INSTITUTION TOTAL	1	78,179	
CITY TOTAL	1	78,179	
HERSHEY			
PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER			
1R01 HL41960-01A1	BRYAN, ROBERT M, JR	BLOOD FLOW AND ENERGY METABOLISM IN THE NEUROHYPOPHYSIS	110,360
1R01 AG09063-01	CONNOR, JAMES R	FERRITIN AND TRANSFERRIN IN CNS AGING & DISEASE	144,708
1R01 HL44146-01	MOORE, RUSSELL L	HYPERTENSION--TRAINING-INDUCED INCREASE IN WORK CAPACITY	125,409
1R29 HL45136-01	UHAL, BRUCE D	CONTROL OF TYPE II PNEUMOCYTE PROLIFERATION	92,147
1R01 AI29961-01	WEBER, PETER C	MECHANISM OF RECOMBINATION IN THE HSV-1 GENOME	145,389
INSTITUTION TOTAL	5	618,013	
CITY TOTAL	5	618,013	
HORSHAM			
INTERNATIONAL SONIC TECHNOLOGIES			
1R43 DK42747-01	SCHAFER, MARK E	MINIATURE IN-VIVO HYDROPHONES FOR LITHOTRIPTER USE	48,595
INSTITUTION TOTAL	1	48,595	
CITY TOTAL	1	48,595	
MALVERN			
ZYNAXIS CELL SCIENCE, INC.			
1R43 AI29783-01	MUIRHEAD, KATHARINE A	LOW COST HELPER CELL MONITORING USING NOVEL CELL LINKERS	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
PHILADELPHIA			
CHILDREN'S HOSPITAL OF PHILADELPHIA			
1R01 HL45063-01	GRUNSTEIN, MICHAEL M	MEDIATORS, AIRWAY SMOOTH MUSCLE GROWTH AND CONTRACTILITY	165,887
1R01 HL43285-01A1	SCHRAMM, CRAIG M	CORTICOSTEROID EFFECT ON AIRWAY BETA-ADRENERGIC FUNCTION	96,627
1S10 RR05862-01	YUDKOFF, MARC	GC/LC MASS SPECTROMETER	229,000
INSTITUTION TOTAL 3	491,514		
DREXEL UNIVERSITY			
1S15 GM45469-01	JARON, DOV	SMALL INSTRUMENTATION GRANT	8,890
INSTITUTION TOTAL 1	8,890		
EXOCELL, INC.			
1R43 HL44767-01	COHEN, MARGO P	IMMUNOASSAY FOR HEMOGLOBIN A1C WITH MONOCLONAL ANTIBODY	48,625
INSTITUTION TOTAL 1	48,625		
FOX CHASE CANCER CENTER			
1R01 CA51228-01A1	HAMILTON, THOMAS	DNA REPAIR AND RESISTANCE TO CISPLATIN IN OVARIAN CANCER	157,763
1R13 CA51762-01	HANKS, GERALD E	PALLIATIVE RADIATION THERAPY	5,000
1R01 CA49820-01A2	O'DWYER, PETER	CHEMOSENSITIZERS AND DRUG RESISTANCE	178,754
1R01 CA52181-01	OZOLS, ROBERT F	DETECTION & REVERSAL OF OVARIAN CANCER DRUG RESISTANCE	162,082
INSTITUTION TOTAL 4	503,599		
FOX CHASE CANCER CENTER--INSTITUTE FOR CANCER RESEARCH			
1R01 CA52752-01	RYDER, KEVIN	COMPARATIVE ANALYSIS OF JUN PROTEIN FUNCTION	159,563
1S15 AI30709-01	YOUNG, ROBERT C	SMALL INSTRUMENTATION PROGRAM	38,548
INSTITUTION TOTAL 2	198,111		
GRADUATE HEALTH SYSTEM--GRADUATE HOSPITAL			
1R29 HL44181-01A1	BROZOVICH, FRANK V	REGULATION OF VASCULAR SMOOTH MUSCLE CONTRACTION	116,874
INSTITUTION TOTAL 1	116,874		
HAHNEMANN UNIVERSITY			
1S15 AI30719-01	ANGELAKOS, E T	SMALL INSTRUMENTATION GRANT	12,690
1S15 AG09498-01	WOLLMAN, HARRY	SMALL INSTRUMENTATION GRANT	22,532
INSTITUTION TOTAL 2	35,222		
MEDICAL COLLEGE OF PENNSYLVANIA			
1R01 NS28081-01A1	GOLDBERGER, MICHAEL E	BEHAVIORAL AND ANATOMICAL STUDIES OF SPINAL CORD DAMAGE	124,524

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
PHILADELPHIA			
MEDICAL COLLEGE OF PENNSYLVANIA			
1R29 HL45306-01	MOREL, DIANE W	METABOLISM OF DIETARY OR PEROXIDATION-DERIVED OXYSTEROLS	102,479
INSTITUTION TOTAL	2	227,003	
PENNSYLVANIA COLLEGE OF OPTOMETRY			
1R01 EY08522-01	BARKDOLL, A EDWIN, III	MECHANISMS OF VERTEBRATE VISUAL TRANSDUCTION	110,563
INSTITUTION TOTAL	1	110,563	
PHILADELPHIA COLLEGE OF OSTEOPATHIC MEDICINE			
1R15 HD26861-01	GEORGE-WEINSTEIN, MINDY	COMMITMENT AND DEVELOPMENT OF SOMITIC MYOBLASTS	73,859
INSTITUTION TOTAL	1	73,859	
PHILADELPHIA COLLEGE OF PHARMACY AND SCIENCE			
1R29 ES05189-01A1	HARVISON, PETER J	METABOLISM & NEPHROTOXICITY OF AGRICULTURAL FUNGICIDES	106,560
1R15 HL44753-01	WEIS, MARGARET T	DIVALENT CATIONS AND CARDIAC LIPID METABOLISM	91,589
INSTITUTION TOTAL	2	198,149	
PHILADELPHIA GERIATRIC CENTER-FRIEDMAN HOSPITAL OF HOME FOR JEWISH AGED			
1S15 AG09500-01	LAWTON, M POWELL	SMALL INSTRUMENTATION PROGRAM	16,644
INSTITUTION TOTAL	1	16,644	
TEMPLE UNIVERSITY			
1R01 DE09530-01	BARAN, GEORGE R	RESTORATIVE MATERIAL WEAR FACTORS	132,309
1S15 HL45816-01	BAUM, JOSEPH H	SMALL INSTRUMENTATION GRANT	57,673
1R01 GM44944-01	BENOVIC, JEFFEREY L	CLONING AND EXPRESSION OF BARK RELATED CDNAS	216,202
1S15 GM45520-01	HILLMAN, RALPH	SMALL INSTRUMENTATION GRANT	7,839
1R01 AI30395-01	JAMESON, BRADFORD A	PHYSICAL INTERACTIONS OF HIV	187,092
1R01 HD27107-01	KOZBOR, DANUTA B	CELLULAR ACTIVATION IN PRIMARY PERINATAL HIV INFECTION	124,163
1R01 CA46591-01A2	MILLER, SUZANNE M	CANCER CONTROL AND COPING IN CERVICAL DYSPLASIA	201,177
1R01 GM41766-01A2	WOLFERSBERGER, MICHAEL G	MOLECULAR MODE OF ACTION OF BACILLUS THURINGIENSIS TOXIN	128,069
INSTITUTION TOTAL	8	1,054,524	
THOMAS JEFFERSON UNIVERSITY			
1R01 HL43183-01A1	BJORNSSON, THORIR D	ASPIRIN'S FIBRINOLYTIC EFFECT--ACETYLATION OF FIBRINOGEN	221,449
1R29 GM44810-01	BJORNSTI, MARY-ANN	FUNCTIONAL ANALYSIS OF EUKARYOTIC DNA TOPOISOMERASE I	107,314
1R29 AR40022-01A1	HICKOK, NOREEN J	KERATINOCYTES--MODULATION BY RETINOIC ACID	90,464
1R29 HL44956-01	KONKLE, BARBARA A	PLASMINOGEN ACTIVATOR INHIBITOR-1 GENE EXPRESSION	101,792

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
PHILADELPHIA			
THOMAS JEFFERSON UNIVERSITY			
1R29 AI30114-01	MAVROMARA-NAZOS, PENELOPE	REGULATION OF 3' COTERMINAL HSV-1 GENE EXPRESSION	115,937
1R01 CA51960-01	THAKUR, MADHUKAR L	SIMPLIFIED LABELING OF ANTIBODIES WITH TC-99M AND RE-186	166,171
INSTITUTION TOTAL	6	803,127	
UNIVERSITY OF PENNSYLVANIA			
1S10 RR05879-01	AVADHANI, NARAYAN G	FACILITY FOR SYNTHESIS/SEQUENCING OF DNA AND PEPTIDES	237,000
1R29 HL44508-01	BARNATHAN, ELLIOT S	ENDOTHELIAL CELL PLASMINOGEN ACTIVATOR RECEPTORS	114,963
1R01 HL45181-01	BRASS, LAWRENCE F	CHARACTERIZATION OF A NOVEL G PROTEIN IN HUMAN PLATELETS	244,002
1R01 HL41644-01A2	CHANDER, AVINASH	MECHANISMS OF PH REGULATION OF LUNG SURFACTANT SECRETION	208,293
1S15 AR40757-01	COOPERMAN, BARRY S	SMALL INSTRUMENTATION GRANT	53,398
1R29 DK42907-01	FELDMAN, HORALD I	A RISK FACTOR STUDY OF HEMODIALYSIS VASCULAR ACCESS	84,400
1R01 NR02085-01A1	GENNARO, SUSAN	VLBW INFANTS--ECONOMIC AND FAMILY OUTCOMES	164,203
1R01 AR39910-01A1	HASHIMOTO, YASUHIRO	GENE REGULATION OF NORMAL & AUTOIMMUNE T CELL RECEPTOR	138,586
1R01 HL45239-01	KOTLIKOFF, MICHAEL, IV	CALCIUM INFLUX IN HUMAN AIRWAY SMOOTH MUSCLE CELLS	160,597
1S10 RR05747-01	KUNG, HANK	SINGLE PHOTON EMISSION COMPUTED TOMOGRAPH	400,000
1R01 DE09517-01	LALLY, EDWARD T	VIRULENCE FACTORS IN PERIODONTAL DISEASE	200,196
1R01 AR40075-01	LEBOY, PHOEBE S	REGULATION OF MINERALIZATION IN CHONDROCYTE CULTURES	165,560
1S10 RR05867-01	LEIGH, JOHN S	SUPERCONDUCTING FOURIER NMR SPECTROMETER	400,000
1R01 GM44617-01	LEWIS, MITCHELL	CRYSTALLOGRAPHIC STUDIES OF THE LACTOSE REPRESSOR	215,513
1R01 DE09569-01	MALAMUD, DANIEL	HIV INHIBITORY FACTORS IN HUMAN SALIVA	241,751
1R29 HL44434-01	NEELY, CONSTANCE F	ROLE OF PURINERGIC MECHANISMS IN ENDOTOXIC SHOCK LUNG	115,500
1R01 GM44881-01	RODER, HEINRICH	PROTEIN FOLDING AND NMR AND MUTAGENESIS	190,199
1S15 AR40763-01	ROSENBLOOM, JOEL	SMALL INSTRUMENTATION PROGRAM	25,034
1R01 NS28852-01	ROSS, DOUGLAS T	EXCITOTOXIC MECHANISMS IN POST TRAUMATIC NEURONAL DEATH	139,185
1R01 DC00710-01A1	SAUNDERS, JAMES C	HAIR CELL MICROMECHANICS	185,915
1R01 AI30073-01	SCOTT, PHILLIP A	T CELL RESPONSES IN L MAJOR INFECTED AND IMMUNIZED MICE	182,376
1R01 AI26144-01A3	SUYAMA, YOSHITAKA	IMPORTED TRNAS IN MITOCHONDRIA OF LEISHMANIA TARENTOLAE	158,502
1R29 AI28767-01A1	WEINER, DAVID B	CELL ENTRY OF HIV-1	112,250
1R01 NR02443-01	YORK, RUTH	MATERNAL FACTORS RELATED TO ADEQUACY OF PRENATAL CARE	188,857
INSTITUTION TOTAL	24	4,326,280	
WISTAR INSTITUTE OF ANATOMY AND BIOLOGY			
1R01 CA53058-01	EWERT, DONALD L	MECHANISMS OF LYMPHOMAGENESIS IN AIDS PATIENTS	177,895
1R01 GM45011-01	OTVOS, LASZLO	SYNTHESIS AND CONFORMATION OF GLYCOPEPTIDES	173,222
1S15 AG09514-01	ROOSA, ROBERT A	SMALL INSTRUMENTATION GRANT	66,261
1R01 CA51864-01	TSUJIMOTO, Y	BC1-2 REARRANGEMENTS IN CLL	92,206
INSTITUTION TOTAL	4	509,584	
CITY TOTAL	63	8,722,568	

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
PITTSBURGH			
ALLEGHENY HEALTH SERVICES, INC.--ALLEGHENY-SINGER RESEARCH INSTITUTE			
1S15 CA53752-01	OKUNEWICK, JAMES P	SMALL INSTRUMENTATION GRANT	5,215
INSTITUTION TOTAL	1	5,215	
CARNEGIE-MELLON UNIVERSITY			
1S15 AR40748-01	JORDAN, ANGEL G	SMALL INSTRUMENTATION GRANT	38,378
1R01 GM44976-01	NAGLE, JOHN F	STRUCTURE OF LIPID BILAYERS	130,036
INSTITUTION TOTAL	2	168,414	
CHILDREN'S HOSPITAL OF PITTSBURGH			
1R29 HD26186-01A1	HANDEN, BENJAMIN L	MENTAL RETARDATION--DESCRIPTION & TREATMENT OF ADHD	76,460
1S15 AI30682-01	MICHAELS, RICHARD H	SMALL INSTRUMENTATION GRANT	13,556
INSTITUTION TOTAL	2	90,016	
EYE AND EAR HOSPITAL OF PITTSBURGH			
1R01 GM45380-01	HASSELL, JOHN R	STRUCTURE & REGULATION OF BASEMENT MEMBRANE PROTEOGLYCAN	186,359
INSTITUTION TOTAL	1	186,359	
MONTEFIORE HOSPITAL			
1S15 CA53661-01	WINKELSTEIN, ALAN	SMALL INSTRUMENTATION GRANT	9,208
INSTITUTION TOTAL	1	9,208	
UNIVERSITY OF PITTSBURGH AT PITTSBURGH			
1R01 HL44284-01	DETRE, KATHERINE M	PTCA III--MULTI-DEVICE REGISTRY	304,824
1R01 CA52166-01	ERNSTOFF, MARC S	METALLOTHIONEIN & HUMAN TUMOR RESISTANCE TO CHEMOTHERAPY	242,041
1R29 GM42977-01A1	GARRELL, ROBIN L	CHARACTERIZATION OF PEPTIDE-SURFACE INTERACTIONS	109,116
1R01 CA51248-01A1	GUR, DAVID	DIGITAL ACQUISITION AND DISPLAY OF CHEST IMAGES	221,388
1S10 RR05644-01	HEMPEL, JOHN D	PULSED LIQUID-GAS PROTEIN PEPTIDE SEQUENCER	128,000
1R01 DK42701-01	SAMULSKI, R JUDE	ADENO-ASSOCIATED VIRUS--EUCARYOTIC VIRAL VECTOR	129,612
1R01 CA49641-01A1	SIMINOFF, LAURA A	REFERRAL TO CANCER TRIALS--POPULATION-BASED MODEL	213,561
1S15 GM45524-01	WILCOX, CRAIG S	SMALL INSTRUMENTATION GRANT	40,500
INSTITUTION TOTAL	8	1,389,042	
CITY TOTAL	15	1,848,254	
PLYMOUTH MEETING			
BIOMOL RESEARCH LABORATORIES, INC.			
1R43 HL44762-01	ZIPKIN, ROBERT E	NOVEL THERAPEUTIC AGENTS FOR MYOCARDIAL INFARCTION	50,000
INSTITUTION TOTAL	1	50,000	

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	50,000		
PENNSYLVANIA				
UNIVERSITY PARK				
PENNSYLVANIA STATE UNIVERSITY AT UNIVERSITY PARK				
1S10 RR05623-01	GAY, CAROL V		PURCHASE OF AN ELECTRON MICROSCOPE	335,000
1R01 HL43880-01	SHANNON, BARBARA M		EVALUATION OF CHOLESTEROL EDUCATION FOR AT-RISK CHILDREN	697,485
1S15 GM45470-01	VILLAFRANCA, JOSEPH J		SMALL INSTRUMENTATION PROGRAM	50,000
INSTITUTION TOTAL	3	1,082,485		
CITY TOTAL	3	1,082,485		
VILLANOVA				
VILLANOVA UNIVERSITY				
1R01 HD24710-01A2	DESMOND, MARY E		FLUID TRANSPORT AND PRESSURE IN EMBRYONIC BRAIN GROWTH	140,737
1R29 CA52853-01	KNEPPER, JANICE E		NEW INTEGRATION LOCUS FOR MOUSE MAMMARY TUMOR VIRUS	89,562
INSTITUTION TOTAL	2	230,299		
CITY TOTAL	2	230,299		
STATE TOTAL	**95**	**13,003,129**		
RHODE ISLAND				
KINGSTON				
GORDON RESEARCH CONFERENCES				
1R13 GM44136-01	AMES, GIOVANNA F		GORDON RESEARCH CONFERENCE ON BACTERIAL CELL SURFACES	2,000
1R13 GM44963-01	BARKLEY, MARY D		1990 BIOPOLYMERS GORDON RESEARCH CONFERENCE	6,000
1R13 DK42927-01	BEALE, SAMUEL I		GORDON RESEARCH CONFERENCE ON PYRROLES	1,000
1R13 AR40418-01	COOKE, ROGER A		GORDON RESEARCH CONFERENCE--CONTRACTILE PROTEINS	22,000
1R13 HL44568-01	DULING, BRIAN R		GORDON RESEARCH CONFERENCE ON VASCULAR CELL BIOLOGY	4,500
1R13 AR40549-01	GRODZINSKY, ALAN J		GORDON CONFERENCE ON BIOENGINEERING/ORTHOPAEDIC SCIENCES	9,000
1R13 DK42434-01	JONAS, ANA		GORDON RESEARCH CONFERENCE ON LIPID METABOLISM--1990	5,000
1R13 AR40656-01	LIEM, RONALD K H		GORDON RESEARCH CONFERENCE ON INTERMEDIATE FILAMENTS	10,000
1R13 GM44549-01	MALLER, JAMES L		SECOND MESSENGER AND PROTEIN PHOSPHORYLATION	8,874
1R13 GM45576-01	MATTHEWS, BRIAN W		DIFFRACTION METHODS IN MOLECULAR BIOLOGY	2,000
1R13 AI30075-01	MEKALANOS, JOHN J		1990 GORDON RESEARCH CONFERENCE ON MICROBIAL TOXINS	5,000
1R13 AR40387-01	OEGEMA, THEODORE R, JR		GORDON RESEARCH CONFERENCE--PROTEOGLYCANS	6,000
1R13 GM45035-01	THORPE, COLIN		CONFERENCE--ENZYMES, COENZYMES & METABOLIC PATHWAYS	5,000
1R13 CA52801-01	WALKER, GRAHAM C		GORDON RESEARCH CONFERENCE ON MUTAGENESIS--1990	4,000
1R13 GM44674-01	YIN, HELEN L		GORDON CONFERENCE: MOTILE AND CONTRACTILE SYSTEMS	13,000
INSTITUTION TOTAL	15	103,374		

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
RHODE ISLAND			
KINGSTON			
UNIVERSITY OF RHODE ISLAND			
1R13 HD27394-01	FESSLER, JOHN H	GORDON RESEARCH CONFERENCE--BASEMENT MEMBRANES	11,000
INSTITUTION TOTAL	1	11,000	
CITY TOTAL	16	114,374	
PAWTUCKET			
MEMORIAL HOSPITAL OF RHODE ISLAND			
1S15 AI30681-01	HOPPIN, FREDERIC G, JR	SMALL INSTRUMENTATION GRANT	10,786
INSTITUTION TOTAL	1	10,786	
CITY TOTAL	1	10,786	
PROVIDENCE			
BROWN UNIVERSITY			
1R01 HD26706-01	CASTERLINE, JOHN B	DIFFUSION OF FERTILITY CONTROL	197,930
1S10 RR05595-01	MILLER, KENNETH R	PURCHASE OF AN ANALYTICAL SCANNING ELECTRON MICROSCOPE	155,000
1R01 DK42202-01	MORRISON, ALAN S	HORMONES AND RISK OF PROSTATIC HYPERLASIA	276,283
1S15 GM45501-01	ROTHMAN, FRANK G	SMALL INSTRUMENTATION GRANT	20,642
INSTITUTION TOTAL	4	649,855	
MIRIAM HOSPITAL			
1S15 AI30691-01	ABRAMS, DAVID B	SMALL INSTRUMENTATION GRANT	8,307
INSTITUTION TOTAL	1	8,307	
RHODE ISLAND HOSPITAL			
1R29 HG00044-01	JACKSON, CYNTHIA L	RADIATION HYBRIDS FROM A MARKED HUMAN CHROMOSOME 9	103,366
INSTITUTION TOTAL	1	103,366	
ROGER WILLIAMS GENERAL HOSPITAL			
1R29 ES05303-01A1	KURL, RABINDER N	REGULATION OF RRNA GENE EXPRESSION BY 2,3,7,8-TCD DIOXIN	104,296
INSTITUTION TOTAL	1	104,296	
CITY TOTAL	7	865,824	
STATE TOTAL	**24**	**990,984**	

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
SOUTH CAROLINA				
CHARLESTON				
MEDICAL UNIVERSITY OF SOUTH CAROLINA				
1R01 CA52085-01	NORRIS, JAMES S		HORMONAL CARCINOGENESIS--MECHANISMS	153,084
1R01 HL41921-01A1	PRIVITERA, PHILIP J		BRAIN KALLIKREIN--KININ AND ARTERIAL PRESSURE CONTROL	124,231
INSTITUTION TOTAL	2	277,315		
CITY TOTAL	2	277,315		
CLEMSON				
CLEMSON UNIVERSITY				
1S15 HL45763-01	POWELL, GARY L		SMALL INSTRUMENTATION GRANT	5,000
INSTITUTION TOTAL	1	5,000		
CITY TOTAL	1	5,000		
COLUMBIA				
UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA				
1S10 RR05808-01	BAYNES, JOHN W		PURCHASE OF LIQUID CHROMATOGRAPH-MASS SPECTROMETER	227,000
1R15 NR02508-01	FELTON, GWEN M		FACTORS INFLUENCING ADOLESCENT HEALTH BEHAVIOR	104,257
1S15 CA53634-01	SODETZ, JAMES M		SMALL INSTRUMENTATION GRANT	27,077
1S15 HL45810-01	TERRACIO, LOUIS		SMALL INSTRUMENTATION GRANT	18,874
INSTITUTION TOTAL	4	377,208		
CITY TOTAL	4	377,208		
STATE TOTAL	**7**	**659,523**		
SOUTH DAKOTA				
BROOKINGS				
SOUTH DAKOTA STATE UNIVERSITY				
1R15 AI29637-01	HILDRETH, MICHAEL B		DNA PROBE TO IDENTIFY ECHINOCOCCUS MULTILOCULARIS EGGS	73,687
INSTITUTION TOTAL	1	73,687		
CITY TOTAL	1	73,687		
VERMILLION				
UNIVERSITY OF SOUTH DAKOTA				
1S15 CA53655-01	WASHBURN, LEIGH R		SMALL INSTRUMENTATION GRANT	5,000
INSTITUTION TOTAL	1	5,000		
CITY TOTAL	1	5,000		

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	2	78,687		
TENNESSEE				
JOHNSON CITY				
STATE UNIVERSITY AND COMMUNITY COLLEGE SYSTEM OF TENNESSEE--EAST TENNESSEE STATE UNIVERSITY				
1R01 ES04999-01A2	JOHNSON, DAVID A		EFFECTS OF O3 AND NO2 ON HUMAN LUNG PROTEINS	135,287
INSTITUTION TOTAL	1	135,287		
CITY TOTAL	1	135,287		
KNOXVILLE				
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE AT KNOXVILLE				
1S15 AI30678-01	BECK, RAYMOND W		SMALL INSTRUMENTATION GRANT	15,520
1S15 CA53657-01	FUHR, JOSEPH E		SMALL INSTRUMENTATION PROGRAM	5,332
1R01 AI29893-01	HUANG, LEAF		TARGETED GENE THERAPIES FOR AIDS	166,879
1R29 GM42661-01A1	SERPERSU, ENGIN H		NMR STUDIES OF PHOSPHORYL TRANSFER ENZYMES	82,140
INSTITUTION TOTAL	4	269,871		
CITY TOTAL	4	269,871		
MEMPHIS				
ST. JUDE CHILDREN'S RESEARCH HOSPITAL				
1R01 CA48432-01A2	HINDS, PAMELA S		SELF-CARE OUTCOMES IN ADOLESCENTS WITH CANCER	93,123
1R01 AI29599-01	KAWAOKA, YOSHIHIRO		MOLECULAR PATHOGENESIS OF INFLUENZA	124,415
1S10 RR05563-01	MURTI, KURUGANTI G		JEM 1200EXII ELECTRON MICROSCOPE	318,000
1S15 CA53753-01	SIMONE, JOSEPH V		SMALL INSTRUMENTATION PROGRAM	39,772
1R01 CA52258-01	SIXBEY, JOHN W		EPSTEIN-BARR VIRUS INFECTION OF MUCOSAL EPITHELIUM	102,828
1R01 AI29680-01	WEBSTER, ROBERT G		MOLECULAR EPIDEMIOLOGY OF PANDEMIC INFLUENZA	442,157
INSTITUTION TOTAL	6	1,120,295		
STATE UNIVERSITY AND COMMUNITY COLLEGE SYSTEM OF TENNESSEE--MEMPHIS STATE UNIVERSITY				
1R15 HL44693-01	WILLIAMS, JAMES C		DETERMINATION OF SELENIUM IN CARDIAC BIOPSY SAMPLES	107,025
INSTITUTION TOTAL	1	107,025		
STC TECHNOLOGY GROUP, INC.				
1R43 EY08498-01	CHARLES, STEVE T		SHAPE MEMORY ALLOYS--THEIR APPLICATION TO MICROSURGERY	49,375
INSTITUTION TOTAL	1	49,375		
UNIVERSITY OF TENNESSEE AT MEMPHIS				
1R29 GM43307-01A1	KIICK, DENNIS M		STUDIES OF ENZYME CATALYZED BETA-ELIMINATION	118,346

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TENNESSEE			
MEMPHIS			
UNIVERSITY OF TENNESSEE AT MEMPHIS			
1R01 CA50540-01A1	QUINLAN, MARGARET P	IMMORTALIZATION OF PRIMARY EPITHELIAL CELLS BY AD5 12S	54,004
1R03 CA52745-01	STEWART, CLINTON F	RACIAL DIFFERENCES IN HEPATIC METABOLISM AND CANCER RISK	34,790
1S10 RR05571-01	WILSON, CHARLES J	DIGITAL ELECTRON MICROSCOPE FACILITY AT UT MEMPHIS	275,000
INSTITUTION TOTAL	4	482,140	
CITY TOTAL	12	1,758,835	
NASHVILLE			
MEHARRY MEDICAL COLLEGE			
1S15 AI30685-01	HILL, GEORGE C	SMALL INSTRUMENTATION PROGRAM	9,183
INSTITUTION TOTAL	1	9,183	
VANDERBILT UNIVERSITY			
1S10 RR05823-01	BEECHEM, JOSEPH M	LASER LIGHT SOURCE AND DATA SYSTEM	173,000
1S10 RR05697-01	BLAIR, IAN A	ANALYSIS OF BIOACTIVE MOLECULES BY A NERMAG 430-10 MS/MS	364,000
1P01 DK42502-01	CHALKLEY, ROGER	DNA/PROTEIN BINDING IN TISSUE-SPECIFIC CONTROL	1,308,052
1R01 CA50468-01A1	DUPONT, WILLIAM D	EPIDEMIOLOGY OF MOLECULAR RISK FACTORS FOR BREAST CANCER	473,855
1R29 DK42131-01A1	FOGO, AGNES B	ROLE OF CIRCULATING CELLS IN GLOMERULAR INJURY	91,414
1R01 DK42118-01	GREENE, HARRY L	VITAMIN B2 AND B6 IN VERY LOW BIRTH WEIGHT INFANTS	85,736
1R01 HL45994-01	HAWIGER, JACK J	ADHESIVE PROTEINS PLATELET RECEPTOR REGULATION	266,561
1R01 DK42549-01	HILL, JAMES O	INFLUENCE OF DIET ON NUTRIENT BALANCE IN MAN	270,169
1R01 CA51735-01	HOLT, JEFFREY T	TRANSCRIPTIONAL MECHANISMS OF CARCINOGENESIS	113,301
1R01 DK42159-01	KON, VALENTINA	ROLE OF ENDOTHELIUM IN GLOMERULAR DYSFUNCTION	134,634
1R01 DK42612-01	MAGNUSON, MARK A	GLUCOKINASE GENE EXPRESSION IN THE PANCREATIC BETA CELL	117,702
1R01 HL45107-01	NEWMAN, JOHN H	PRESSURE, FLOW, & FILTRATION IN THE LUNG DURING EXERCISE	99,268
1R13 DK43115-01	STAROS, JAMES V	MEMBRANE PROTEIN STRUCTURE	19,992
1R01 DK42488-01	WASSERMAN, DAVID H	REGULATION OF CARBOHYDRATE METABOLISM DURING EXERCISE	136,236
INSTITUTION TOTAL	14	3,653,920	
CITY TOTAL	15	3,663,103	
OAK RIDGE			
OAK RIDGE ASSOCIATED UNIVERSITIES			
1S15 CA53743-01	BURR, WILLIAM W, JR	SMALL INSTRUMENTATION PROGRAM	6,000
INSTITUTION TOTAL	1	6,000	
CITY TOTAL	1	6,000	
STATE TOTAL	**33**	**5,833,096**	

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS			
ARLINGTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT ARLINGTON			
1R15 GM44170-01	WHITE, JAMES B	INTRAMOLECULAR CYCLIZATIONS OF CYCLODECENES	96,981
INSTITUTION TOTAL	1	96,981	
CITY TOTAL	1	96,981	
AUSTIN			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN			
1R01 AI29984-01	MAKINO, SHINJI	MOLECULAR STUDIES OF CORONAVIRUS REPLICATION	136,528
1R01 AI28845-01A1	SESSLER, JONATHAN L	BIOMEDICAL APPLICATIONS OF EXPANDED PORPHYRINS	174,119
1R29 AG08554-01A1	UMBERSON, DEBRA	DEATH OF A PARENT--IMPACT ON ADULT CHILDREN AND FAMILIES	90,977
INSTITUTION TOTAL	3	401,624	
CITY TOTAL	3	401,624	
COLLEGE STATION			
TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM--TEXAS A & M UNIVERSITY AT COLLEGE STATION			
1R01 HL42780-01	MARTELL, ARTHUR E	DEVELOPMENT AND TESTING OF NEW CHELATORS	107,029
1S15 HL45813-01	MEININGER, GERALD A	SMALL INSTRUMENTATION GRANT	14,913
INSTITUTION TOTAL	2	121,942	
CITY TOTAL	2	121,942	
DALLAS			
BAYLOR COLLEGE OF DENTISTRY			
1R15 DK42635-01	BELLINGER, LARRY L	SATIETIN A PUTATIVE ENDOGENOUS SATIETY AGENT	91,461
INSTITUTION TOTAL	1	91,461	
SOUTHERN METHODIST UNIVERSITY			
1S15 AG09511-01	BUCHANAN, CHRISTINE E	SMALL INSTRUMENTATION GRANT	5,617
INSTITUTION TOTAL	1	5,617	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS			
1S10 RR05922-01	FALCK, JOHN R	UNIVERSITY MASS SPECTROMETER RESOURCE ACQUISITION	326,000
1R29 HL45240-01	HILGEMANN, DONALD W	CARDIAC SODIUM-CALCIUM EXCHANGE REGULATION & FUNCTION	108,895
1R01 CA52625-01	KAMEN, BARTON A	FOLATE RECEPTOR AS MARKER AND TARGET IN CANCER THERAPY	106,637
1R01 HL45326-01	MUNTZ, KATHRYN H	LOCALIZATION OF ADRENERGIC AND NPY RECEPTORS IN HEART	73,248
1S15 HL45844-01	PERKINS, JOHN P	SMALL INSTRUMENTATION GRANT	73,900

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS			
DALLAS			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS			
1R01 GM43479-01	PETERSON, JULIAN A	P450BM-3--MECHANISM OF ELECTRON TRANSFER 02 ACTIVATION	157,622
1S10 RR05691-01	ROTH, MICHAEL G	SYSTEM FOR QUANTITATIVE 3D CONFOCAL LIGHT MICROSCOPY	160,000
1R01 EY08515-01	SREBRO, RICHARD	DEVELOPMENT OF THE VEP TO LUMINANCE MODULATION	107,739
1P01 DK42582-01	UNGER, ROGER H	MOLECULAR MECHANISMS OF B-CELL IMPAIRMENT-DESTRUCTION	973,295
INSTITUTION TOTAL 9	2,087,336		
CITY TOTAL 11	2,184,414		
EDINBURG			
PAN AMERICAN UNIVERSITY			
1R15 ES05345-01	FAROOQUI, MOHAMMED Y	ROLE OF VEHICLES IN TOXICITY OF NITRILES	94,366
INSTITUTION TOTAL 1	94,366		
CITY TOTAL 1	94,366		
GALVESTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH			
1S15 CA53742-01	BRYAN, GEORGE T	SMALL INSTRUMENTATION GRANT	46,338
1R01 CA50752-01	FLEISCHMANN, WILLIAM R, JR	CHRONOBIOLOGY OF INTERFERON THERAPY	209,906
1R29 CA52584-01	ROY, DEODUTTA	ROLE OF NONHISTONE PROTEINS IN HORMONAL CARCINOGENESIS	74,695
INSTITUTION TOTAL 3	330,939		
CITY TOTAL 3	330,939		
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
1S10 RR05853-01	BAEHR, WOLFGANG	DNA SYNTHESIZING AND SEQUENCING SYSTEM	96,000
1R01 HL45198-01	BIRNBAUMER, LUTZ	RECEPTOR COUPLING MECHANISMS	178,572
1S15 GM45502-01	CAMERINO, PAT W	SMALL INSTRUMENTATION PROGRAM	81,595
1R01 DK41872-01A1	CHIRALA, SUBRAHMANYAM S	GENETIC REGULATION OF FATTY ACID BIOSYNTHESIS IN YEAST	100,722
1S10 RR05838-01	COOK, RICHARD G	PROTEIN ISOLATION & PRIMARY STRUCTURAL ANALYSIS SYSTEM	218,000
1R01 GM44664-01	ELLEDGE, STEPHEN J	GENETICS OF CELL CYCLE & DNA DAMAGE REGULATION IN YEAST	157,436
1P01 HL42550-01A1	ENTMAN, MARK L	ROLE OF INFLAMMATION IN EARLY MYOCARDIAL ISCHEMIA	947,375
1R13 AI29473-01	HOLLINGER, F BLAINE	1990 SYMPOSIUM ON VIRAL HEPATITIS AND LIVER DISEASE	6,000
1R01 HG00024-01	LEDBETTER, DAVID H	HIGH-RESOLUTION PHYSICAL MAP OF HUMAN CHROMOSOME 17	278,373
1R01 DK43071-01	MEANS, ANTHONY R	NEW ANIMAL MODEL FOR EARLY ONSET NONIMMUNE DIABETES	196,372
1R29 DK43129-01	MOSS, LARRY G	GLUCOSE REGULATION OF INSULIN BIOSYNTHESIS	99,273
1R01 HL45476-01	SCHWARTZ, ROBERT J	REGULATION OF EMBRYONIC HEART DEVELOPMENT	145,806
1R01 HL42886-01A1	STOOPS, JAMES K	ELECTRON MICROSCOPY OF HUMAN ALPHA2-MACROGLOBULIN	151,153

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS			
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
1R01 DK42678-01	WILSON, JOHN H	TARGETED GENE CORRECTION IN HUMAN CELLS	183,050
1R01 CA50391-01A1	YEOMAN, LYNN C	EGF-R MODULATION AND RESPONSES IN COLON CARCINOMA	108,921
INSTITUTION TOTAL 15		2,948,648	
ONCORE ANALYTICS, INC.			
1R43 AI29779-01	HERST, CV TAYLOR	CONTROL CELL LINES FOR USE IN MOLECULAR DIAGNOSTIC TESTS	23,750
INSTITUTION TOTAL 1		23,750	
RICE UNIVERSITY			
1S10 RR05759-01	KING, GARRY C	PURCHASE OF A 500 MHZ NMR SYSTEM	400,000
1S15 AR40756-01	MATTHEWS, KATHLEEN S	SMALL INSTRUMENTATION GRANT	18,599
1R01 AR40252-01A1	PHILLIPS, GEORGE N, JR	STRUCTURAL DETERMINATES OF LIGAND BINDING TO MYOGLOBIN	146,318
INSTITUTION TOTAL 3		564,917	
UNIVERSITY OF HOUSTON SYSTEM--UNIVERSITY OF HOUSTON-CLEAR LAKE			
1R15 HL44624-01	FRASIER-SCOTT, KAREN F	EXPRESSION OF ACE IN SHEAR STRESSED ENDOTHELIAL CELLS	103,971
INSTITUTION TOTAL 1		103,971	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON			
1R01 HL44898-01	MULLEN, PATRICIA D	SUSTAINING WOMENS SMOKING CESSATION POSTPARTUM	434,911
1R01 AI27249-01A2	MURRAY, BARBARA E	ENTEROCOCCAL BETA-LACTAMASE	128,327
INSTITUTION TOTAL 2		563,238	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER			
1R01 CA51015-01A1	ANANTHASWAMY, HONNAVARA N	CELLULAR & MOLECULAR BASIS FOR BASAL CELL NEVUS SYNDROME	98,006
1R01 CA51207-01	BERAN, MILOSALV	MAMSA RESISTANCE AND EXPRESION OF P76 PROTEIN	96,213
1R01 CA52468-01	BUTLER, ANDREW P	GENE REGULATION IN PHORBOL SENSITIVE AND RESISTANT MICE	173,664
1R01 CA52778-01	FORD, RICHARD J, JR	ROLE OF HUMAN RETROVIRUSES IN AIDS-RELATED LYMPHOMAS	172,167
1R01 HG00042-01	KILLARY, ANN M	HIGH EFFICIENCY MAPPING WITH A HUMAN MICROCELL PANEL	187,073
1R01 CA52457-01	KRIPKE, MARGARET L	ROLE OF ANTIGEN PRESENTING CELLS IN SKIN CANCER IMMUNITY	282,517
1R01 ES05323-01	MURPHY, EDWIN C, JR	METAL CARCINOGEN-INDUCED MUTATIONS IN MAMMALIAN GENES	136,518
1R29 CA52460-01	O'BRIAN, CATHERINE A	PROTEIN PHOSPHORYLATION IN MULTIDRUG RESISTANCE	81,042
1R01 CA52421-01	YUEN, PICK-HOONG	KAPOSI'S SARCOMA ASSOCIATED WITH AIDS-A MOUSE MODEL	195,529
INSTITUTION TOTAL 9		1,422,729	
CITY TOTAL 31		5,627,253	

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS				
KINGSVILLE				
UNIVERSITY SYSTEM OF SOUTH TEXAS--TEXAS AGRICULTURAL AND INDUSTRIAL UNIVERSITY				
1R15 GM44266-01	PEREZ, JOHN C		PURIFICATION OF VENOM FOR PRODUCTION OF IMMUNOTOXINS	79,449
INSTITUTION TOTAL	1	79,449		
CITY TOTAL	1	79,449		
LEWISVILLE				
CHECKMATE ENGINEERING				
1R43 AG08608-01A1	SHAW, THOMAS J		AUTOMATED HOME TABLET AND CAPSULE DISPENSER	49,834
INSTITUTION TOTAL	1	49,834		
CITY TOTAL	1	49,834		
LUBBOCK				
TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER				
1R03 AI30994-01	BUTLER, THOMAS C		INDO-US VACCINE ACTION PROGRAM	47,414
1S15 GM45493-01	SABATINI, SANDRA		SMALL INSTRUMENTATION GRANT	20,571
INSTITUTION TOTAL	2	67,985		
CITY TOTAL	2	67,985		
RICHARDSON				
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT DALLAS				
1S15 GM45499-01	GRAY, DONALD M		SMALL INSTRUMENTATION GRANT	14,988
INSTITUTION TOTAL	1	14,988		
CITY TOTAL	1	14,988		
SAN ANTONIO				
AVOX SYSTEMS, INC.				
1R43 HL44802-01	STEINKE, JOHN M		AUTO-ANALYZER FOR 5 HEMOGLOBIN SPECIES	50,000
INSTITUTION TOTAL	1	50,000		
SOUTHWEST FOUNDATION FOR BIOMEDICAL RESEARCH				
1S15 HL45835-01	GOODWIN, WILLIAM J		SMALL INSTRUMENTATION PROGRAM	37,986
INSTITUTION TOTAL	1	37,986		

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS				
SAN ANTONIO				
TRINITY UNIVERSITY				
1S07 RR07261-01	DICKEY, JOHN		BIOMEDICAL RESEARCH SUPPORT GRANT	6,048
INSTITUTION TOTAL	1	6,048		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT SAN ANTONIO				
1S15 AG09512-01	WAYNER, MATTHEW J		SMALL INSTRUMENTATION GRANT	6,967
INSTITUTION TOTAL	1	6,967		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO				
1S10 RR05807-01	MORGAN, WILLIAM W		MULTIUSER BETASCOPE 603 BLOT ANALYZER IMAGE ANALYSIS	91,000
1R01 DE09630-01	RUGH, JOHN D		MULTISITE CLINICAL TRIAL OF RIGID- VS. WIRE-FIXATION	252,589
1R01 DE09311-01	TALAL, NORMAN		INTERLEUKIN-2 PRODUCTION IN SJOGREN'S SYNDROME	142,847
1S10 RR05611-01	WEINTRAUB, SUSAN T		MASS SPECTROMETER--PLASMA DESORPTION	308,000
1R29 CA52592-01	YEE, DOUGLAS		GROWTH REGULATION OF CANCER BY IGF-I	85,010
INSTITUTION TOTAL	5	879,446		
CITY TOTAL	9	980,447		
THE WOODLANDS				
HOUSTON BIOTECHNOLOGY, INC.				
1R43 EY08488-01	WALLACE, THOMAS L		SEQUENCING OF AN OCULAR NEUROTROPHIC FACTOR	50,000
INSTITUTION TOTAL	1	50,000		
CITY TOTAL	1	50,000		
TYLER				
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER				
1R01 HL43650-01	COHEN, ALLEN B		PEPTIDE MEDIATORS OF LUNG INJURY IN ARDS	108,555
INSTITUTION TOTAL	1	108,555		
CITY TOTAL	1	108,555		
STATE TOTAL	**68**	**10,208,777**		
UTAH				
PROVO				
BRIGHAM YOUNG UNIVERSITY				
1R15 GM44235-01	BELL, JOHN D		MECHANISMS OF PHOSPHOLIPASE A2 REGULATION	100,953

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
UTAH			
PROVO			
BRIGHAM YOUNG UNIVERSITY			
1R29 DK41647-01A1	CHRISTENSEN, MERRILL J	SELENIUM REGULATION OF THE GLUTATHIONE PEROXIDASE GENE	97,434
INSTITUTION TOTAL	2	198,387	
CITY TOTAL	2	198,387	
SALT LAKE CITY			
CARDIOPULMONICS, INC.			
1R43 HL44826-01	SANDERS, CLIFTON G	NEW COUPLING GROUPS FOR AQUEOUS IMMOBILIZATION CHEMISTRY	50,000
INSTITUTION TOTAL	1	50,000	
GULL LABORATORIES, INC.			
1R43 AR40270-01	HONHON, PAUL-MARIE	SYNTHETIC PEPTIDE AS CAPTURE AG FOR PARVOVIRUS B19 IGG/M	50,000
INSTITUTION TOTAL	1	50,000	
MEDICAL PHYSICS, INC.			
1R43 HL44838-01	CLARK, JUSTIN S	SELF-VALIBRATING BLOOD GAS, PH, AND ELECTROLYTE MONITOR	50,000
INSTITUTION TOTAL	1	50,000	
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
1R29 AI30104-01	BISHOP, D KEITH	INFLAMMATORY ENDOTHELIA-LYMPHOCYTE INTERACTIONS IN VIVO	103,600
1R29 AI26733-01A2	BOHNSACK, JOHN F	STRUCTURE AND FUNCTION OF A NEUTROPHIL LAMANIN RECEPTOR	95,445
1S15 AI30686-01	BROOM, ARTHUR D	SMALL INSTRUMENTATION GRANT	21,224
1R29 CA52855-01	FULTS, DANIEL W	MOLECULAR GENETICS OF HUMAN ASTROCYTOMA	62,865
1S15 GM45517-01	GRAY, WILLIAM R	SMALL INSTRUMENTATION PROGRAM	38,384
1R01 HL44738-01	HUNT, STEVEN C	URINARY KALLIKREIN & HYPERTENSION--PROSPECTIVE STUDY	230,925
1R01 HL44513-01	MCINTYRE, THOMAS M	BIOLOGICAL ACTIVITY OF OXIDIZED PHOSPHOLIPIDS	182,932
1S10 RR05625-01	OLSEN, DON B	LASER DOPPLER ANEMOMETER	260,000
INSTITUTION TOTAL	8	995,375	
CITY TOTAL	11	1,145,375	
STATE TOTAL	**13**	**1,343,762**	
VERMONT			
BURLINGTON			
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE			
1S15 GM45487-01	BOND, LYNNE A	SMALL INSTRUMENTATION GRANT	16,504

NIH RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
VERMONT			
BURLINGTON			
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE			
1R29 AI28892-01A1	BUDD, RALPH C	APPLICATIONS OF THE LPR MOUSE TO T CELL DEVELOPMENT	73,028
1R01 AI29892-01A1	BURKE, JOHN M	CONSTRUCTION AND OPTIMIZATION OF ANTI-HIV RIBOZYMES	154,673
1R01 HL45138-01	CUTRONEO, KENNETH R	MODULATION OF COLLAGEN SYNTHESIS IN LUNG FIBROBLASTS	191,536
1R01 AR40259-01A1	HAEBERLE, JOE R	CALDESMON AND REGULATION OF SMOOTH MUSCLE CONTRACTION	135,622
1R01 HL45116-01	LE WINTER, MARTIN M	ENERGETICS OF THE ISOLATED LEFT VENTRICLE	96,796
1S15 HL45801-01	LOW, ROBERT B	SMALL INSTRUMENTATION GRANT	70,430
1R01 AR40093-01A1	STOKES, IAN A	ANALYSIS AND SIMULATION OF SURGICAL SPINAL FUSION	165,160
1R01 DC00721-01	VAN HOUTEN, JUDITH L	CHEMOSENSORY TRANSDUCTION IN PARAMECIUM	139,225
1R01 HL45161-01	WARSHAW, DAVID M	SMOOTH MUSCLE CROSSBRIDGE INTERACTIONS--MOTILITY ASSAY	120,143
1P01 CA46456-01A2	WORDEN, JOHN K	BREAST SCREENING PROGRAM PROJECT	1,111,615
INSTITUTION TOTAL	11	2,274,732	
CITY TOTAL	11	2,274,732	
STATE TOTAL	**11**	**2,274,732**	
VIRGINIA			
ANNANDALE			
ACTUARIAL RESEARCH CORPORATION			
1R43 AG09167-01	TRAPNELL, GORDON R	LONG TERM CARE INSURANCE--MANUAL FOR REGULATORS	40,692
INSTITUTION TOTAL	1	40,692	
JWK INTERNATIONAL CORPORATION			
1R43 DK41965-01A1	HEINE, ANNE C	INTERACTIVE MEAL PLANNING FOR ADOLESCENT DIABETICS	49,870
INSTITUTION TOTAL	1	49,870	
CITY TOTAL	2	90,562	
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA CHARLOTTESVILLE			
1R01 AG07648-01A3	GOLD, PAUL E	AGING AND MEMORY	109,441
1R01 CA52559-01	HAMLIN, JOYCE L	MAMMALIAN GENOME ORGANIZATION AND GENE AMPLIFICATION	226,127
1R29 AI31048-01	HAZEN, KEVIN C	MOLECULAR CHARACTERIZATION OF C. ALBICANS HYDROPHOBICITY	109,892
1R01 HL45348-01	LITTLE, CHARLES D	CELL BIOLOGY OF VASCULOGENESIS	191,159
1R01 CA50342-01A1	LOBO, PETER ISSAC	MHC GENE PRODUCTS IN PROTECTING CELLS AGAINST NK LYSIS	155,389
1S15 HL45811-01	PEACH, MICHAEL J	SMALL INSTRUMENTATION GRANT	74,030
1S15 GM45509-01	WILKERSON, WILLAM R	SMALL INSTRUMENTATION PROGRAM	37,017
INSTITUTION TOTAL	7	903,055	
CITY TOTAL	7	903,055	

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
VIRGINIA			
CHRISTIANSBURG			
VATELL CORPORATION			
1R43 HL44208-01	LANGLEY, LAWRENCE W	HEAT FLUX MICROSENSORS FOR BLOOD PERFUSION MEASUREMENTS	49,683
INSTITUTION TOTAL	1	49,683	
CITY TOTAL	1	49,683	
HAMPTON			
HAMPTON UNIVERSITY			
1R15 GM44346-01	NWOKOGU, GODSON C	SYNTHESIS OF ESPERAMICIN AGLYCONE	93,069
INSTITUTION TOTAL	1	93,069	
CITY TOTAL	1	93,069	
NORFOLK			
EASTERN VIRGINIA MEDICAL SCHOOL OF THE MEDICAL COLLEGE OF HAMPTON ROADS			
1S15 GM45481-01	COLLINS, JIMMY H	SMALL INSTRUMENTATION GRANT	15,882
1R29 CA53085-01	WASILENKO, WILLIAM J	INOSITOL TETRAKISPHOSPHATE CONTROL BY THE SRC ONCOGENE	88,642
INSTITUTION TOTAL	2	104,524	
CITY TOTAL	2	104,524	
PETERSBURG			
VIRGINIA STATE UNIVERSITY			
1R15 CA52152-01	MBAGWU, GODWIN O	LASER-INDUCED NOVEL POTENTIAL ANTICANCER INDOLES	96,527
INSTITUTION TOTAL	1	96,527	
CITY TOTAL	1	96,527	
RICHMOND			
UNIVERSITY OF RICHMOND			
1R15 AI29628-01	EMERY, HERSCHELL S	MELANIN & OXIDATIVE STRESS IN CRYPTOCOCCAL VIRULENCE	104,906
INSTITUTION TOTAL	1	104,906	
VIRGINIA COMMONWEALTH UNIVERSITY			
1R01 HD26746-01	COREY, LINDA A	GENETIC EFFECTS ON PREGNANCY COMPLICATIONS AND OUTCOME	259,182
1R13 DK42833-01	SCHOOLWERTH, ANTON C	FIFTH INTERNATIONAL WORKSHOP ON AMMONIAGENESIS	8,900
1R01 CA50609-01A1	WARE, JOY L	ROLE OF GROWTH FACTORS IN HUMAN PROSTATE CARCINOMA	122,272
1R01 HL45422-01	ZEHNER, ZENDRA E	NEGATIVE FACTOR WHICH REGULATES CARDIAC DEVELOPMENT	133,926
INSTITUTION TOTAL	4	524,280	

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	5	629,186		
STATE TOTAL	**19**	**1,966,606**		
WASHINGTON				
CHENEY				
EASTERN WASHINGTON UNIVERSITY				
1R15 HL44588-01	CLARK, R WILLIAM		3-D ANALYSIS OF LEFT VENTRIULAR REGIONAL WALL MOTION	103,040
INSTITUTION TOTAL	1	103,040		
CITY TOTAL	1	103,040		
PULLMAN				
WASHINGTON STATE UNIVERSITY				
1R03 RR06002-01	EVANS, JEREMY N		NEW METHODS IN SOLID STATE CRYOENZYMOLOGY	36,130
1R01 GM44995-01	MATTESON, DONALD S		BORADEOXYRIBONUCLEOSIDES	93,846
INSTITUTION TOTAL	2	129,976		
CITY TOTAL	2	129,976		
REDMOND				
PACIFIC TECHNOLOGIES				
1R43 HL45408-01	PUTNAM, DAVID L		OPTICAL ASSAY FOR OXYGEN IN DIAGNOSTIC TEST	49,935
INSTITUTION TOTAL	1	49,935		
CITY TOTAL	1	49,935		
SEATTLE				
CHILDREN'S HOSPITAL AND MEDICAL CENTER				
1R01 AI30068-01	RUBENS, CRAIG E		CELLULAR INVASION BY GROUP B STREPTOCOCCI	139,008
1S15 AI30676-01	SMITH, ARNOLD L		SMALL INSTRUMENTATION GRANT	12,130
INSTITUTION TOTAL	2	151,138		
FRED HUTCHINSON CANCER RESEARCH CENTER				
1R13 HL44593-01	BUCKNER, C DEAN		INTERNATIONAL SOCIETY FOR EXPERIMENTAL HEMATOLOGY	20,500
1R01 CA50795-01A1	CHU, JOSEPH		RELATIONSHIP OF CIN III AND HUMAN PAPILLOMA VIRUS	251,662
1P01 AI29518-01	HANSEN, JOHN A		IMMUNOGENETICS OF MARROW ALLOGRAFTING	706,220
INSTITUTION TOTAL	3	978,382		

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WASHINGTON			
SEATTLE			
PACIFIC NORTHWEST RESEARCH FOUNDATION			
1S15 CA53750-01	HOLMES, ERIC H	SMALL INSTRUMENTATION PROGRAM	6,572
INSTITUTION TOTAL	1	6,572	
SEATTLE BIOMEDICAL RESEARCH INSTITUTE			
1S10 RR05594-01	STUART, KENNETH D	AUTOMATED DNA SEQUENCER SYSTEM	126,000
INSTITUTION TOTAL	1	126,000	
UNIVERSITY OF WASHINGTON			
1R29 NS28758-01	BICE, ALDEN N	FINITE SPATIAL RESOLUTION EFFECTS ON CNS PET	88,475
1R01 ES05623-01	FANTEL, ALAN G	EMBRYOTOXICITY OF BIOREDUCIBLE COMPOUNDS	236,767
1S15 GM45495-01	GIBALDI, MILO	SMALL INSTRUMENTATION GRANT	11,940
1R01 HL45335-01	HEIMARK, RONALD L	ROLE OF V-CADHERIN IN VASCULAR MORPHOGENESIS	153,019
1R01 AR40593-01	HOWARD, JONATHON	MECHANICS OF KINESIN--MICROTUBULE-BASED MOTOR PROTEIN	173,697
1R01 GM43149-01A1	HUGHES, KELLY T	SALMONELLA PHASE VARIATION--REGULATION & DNA RECOGNITION	137,336
1R29 DC00858-01	HYSON, RICHARD L	TRANSNEURONAL SIGNALS FOR AFFERENT REGULATION	100,280
1R01 DK42528-01	KREBS, EDWIN G	LINKING OF PROTEIN TYROSINE AND SERINE PHOSPHORYLATION	131,666
1S10 RR05919-01	KUSHMERICK, MARTIN	NMR GRADIENT FOR 2TCSI	178,000
1R01 AR39688-01A2	LIPKIN, EDWARD W	MECHANISMS OF PARENTERAL NUTRITION ASSOCIATED BONE LOSS	160,124
1R01 NS27880-01A1	LONGSTRETH, W T, JR	RISK FACTORS FOR AMYOTROPHIC LATERAL SCLEROSIS	183,334
1R01 AI29103-01	MARTIN, THOMAS R	ALVEOLAR MACROPHAGE-DERIVED NEUTROPHIL CHEMOATTRACTANT	144,130
1R01 DK40627-01A2	MC CULLOCH, DAVID K	PREDICTION OF IDDM IN THE GENERAL POPULATION	199,806
1S15 AR40762-01	OMNELL, KARL-AKE	SMALL INSTRUMENTATION PROGRAM	24,882
1S10 RR05816-01	RATNER, BUDDY D	ELECTRON SPECTROSCOPY FOR CHEMICAL ANALYSIS	400,000
1R01 HL41993-01A2	SISCOVICK, DAVID S	POLYUNSATURATED FATS AND RISK OF PRIMARY CARDIAC ARREST	302,691
1R13 DK42805-01	STAMATOYANNOPOULOS, GEORGE	SEVENTH CONFERENCE ON HEMOGLOBIN SWITCHING	31,000
1R29 NR02420-01	THOMAS, KAREN A	EFFECT OF TEMPERATURE ON PRETERM INFANT SLEEP-WAKE STATE	104,026
1S10 RR05543-01	WALSH, KENNETH A	PEPTIDE MASS SPECTROMETRY FACILITY USING TOF-PDMS	339,000
1R01 LM05141-01	WHORTON, JAMES C	INNER HYGIENE IN MODERN HEALTH CULTURE	32,227
INSTITUTION TOTAL	20	3,132,400	
VIRGINIA MASON RESEARCH CENTER			
1S15 AR40745-01	NEPOM, GERALD T	SMALL INSTRUMENTATION PROGRAM	5,205
1R01 DK42732-01	NEPOM, GERALD T	HLA-DQ CLASS II GENES IN IDDM	186,913
INSTITUTION TOTAL	2	192,118	
ZYMOGENETICS, INC.			
1R01 CA53866-01	DURNAM, DIANE M	MOLECULAR DISSECTION OF A CHROMOSOMAL FRAGILE SITE	127,223
INSTITUTION TOTAL	1	127,223	
CITY TOTAL	30	4,713,833	

NIH RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WASHINGTON			
WALLA WALLA			
ST. MARY COMMUNITY HOSPITAL			
1R13 AI29581-01	HANSEN, MARILYN	WORLD CONFERENCE ON LUNG HEALTH	10,000
INSTITUTION TOTAL	1	10,000	
CITY TOTAL	1	10,000	
STATE TOTAL	**35**	**5,006,784**	
WEST VIRGINIA			
HUNTINGTON			
MARSHALL UNIVERSITY			
1R01 ES04954-01A2	RANKIN, GARY O	CHLOROANILINE-INDUCED NEPHROTOXICITY	164,496
INSTITUTION TOTAL	1	164,496	
CITY TOTAL	1	164,496	
MORGANTOWN			
WEST VIRGINIA UNIVERSITY			
1R01 AI29743-01	CHARON, NYLES W	ANALYSIS OF BORRELIA BURGDORFERI MOTILITY	94,333
1R29 ES05440-01	HOUSER, WILLIAM H	REGULATION OF POLYCYCLIC AROMATIC HYDROCARBON TOXICITY	100,642
INSTITUTION TOTAL	2	194,975	
CITY TOTAL	2	194,975	
STATE TOTAL	**3**	**359,471**	
WISCONSIN			
EAU CLAIRE			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-EAU CLAIRE			
1S15 GM45473-01	LIM, JOHNG	SMALL INSTRUMENTATION GRANT	5,000
INSTITUTION TOTAL	1	5,000	
CITY TOTAL	1	5,000	
KENOSHA			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-PARKSIDE			
1R15 AI29556-01	COLEMAN, REBECCA H	MOLECULAR ANALYSIS OF TABTOXIN PRODUCTION AND RESISTANCE	102,103
INSTITUTION TOTAL	1	102,103	
CITY TOTAL	1	102,103	

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WISCONSIN			
MADISON			
DNASTAR, INC.			
1R43 HG00057-01	SCHROEDER, JOHN L	FILM SCANNER FOR HIGH THROUGHPUT DNA SEQUENCING	50,000
INSTITUTION TOTAL	1	50,000	
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
1R29 AR40284-01A1	ALLEN-HOFFMANN, B LYNN	REGULATION OF DIFFERENTIATION IN HUMAN EPITHELIAL CELLS	82,871
1R01 GM44665-01	BROW, DAVID A	CHARACTERIZATION OF A YEAST U6 SNRNA GENE PROMOTER	123,847
1P01 AI28781-01	CHRISTENSEN, BRUCE M	PARASITE FUNCTION IN RESPONSE TO THE HOST ENVIRONMENT	443,210
1R01 LM05066-01	COOK, HAROLD J	17TH CENTURY DUTCH MEDICINE AND NATURAL HISTORY	14,648
1R01 DK41116-01A1	GREGER, JANET L	METABOLISM OF DIETARY ALUMINUM	132,153
1S15 GM45494-01	MELLON, WILLIAM S	SMALL INSTRUMENTATION GRANT	14,499
1P01 CA51987-01	MESSING, EDWARD M	SELECTED MECHANISMS OF HUMAN BLADDER CARCINOGENESIS	456,769
1R01 NR02348-01A1	PRIDHAM, KAREN F	CORRELATES OF PRETERM AND TERM INFANT FEEDING OUTCOMES	208,820
1R01 GM44783-01	RAINES, RONALD T	PROTEIN ENGINEERING TO STUDY RIBONUCLEASE A CATALYSIS	129,765
1R01 CA49429-01A1	STEEVES, RICHARD A	FERROMAGNETIC HYPERTHERMIA & IODINE-125 BRACHYTHERAPY	109,552
1R01 DC00820-01	WESTBURY, JOHN R	X-RAY MICROBEAM SPEECH PRODUCTION DATABASE	249,358
1R29 DC00653-01A1	WHITLON, DONNA S	DETERMINANTS OF NEURONAL CONNECTIVITY IN THE COCHLEA	86,555
1S15 GM45475-01	WILEY, JOHN D	SMALL INSTRUMENTATION PROGRAM	76,357
1R01 DK42709-01	WOLFF, JON A	DIRECT GENE THERAPY FOR INBORN ERRORS OF METABOLISM	183,410
INSTITUTION TOTAL	14	2,311,814	
CITY TOTAL	15	2,361,814	
MILWAUKEE			
BLOOD CENTER OF SOUTHEASTERN WISCONSIN			
1P01 HL44612-01	KUNICKI, THOMAS J	MOLECULAR POLYMORPHISM AND TRANSFUSION MEDICINE	1,617,101
INSTITUTION TOTAL	1	1,617,101	
MARQUETTE UNIVERSITY			
1S15 AR40751-01	FITTS, ROBERT H	SMALL INSTRUMENTATION GRANT	5,000
1R15 AR39898-01A1	TALLEY-RONSHOLDT, DEANNA J	OSTEOBLAST MINERALIZATION--INHIBITION BY TGF-BETA	91,137
INSTITUTION TOTAL	2	96,137	
MEDICAL COLLEGE OF WISCONSIN			
1R01 AI30162-01	BARBIERI, JOSEPH T	ACELLULAR VACCINES AGAINST BACTERIAL PATHOGENS	160,390
1S15 HL45756-01	COOPER, RICHARD A	SMALL INSTRUMENTATION PROGRAM	65,788
1R01 HL45048-01	KALYANARAMAN, BALARAMAN	RADICAL GENERATION DURING CARDIAC SURGERY	120,935
1R29 DK43148-01	LEPOR, HERBERT	ALTERNATIVES TO THE SURGICAL TREATMENT OF BPH	81,681
1R01 HL43662-01A1	MARKHAM, BRUCE E	INTRACELLULAR PATHWAYS THAT MEDIATE CARDIAC HYPERTROPHY	125,199

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WISCONSIN			
MILWAUKEE			
MEDICAL COLLEGE OF WISCONSIN			
1R01 DK43577-01	RAFF, HERSHEL	ROLE OF OXYGEN IN ALDOSTERONOGENESIS	66,509
1R22 DK39734-01A3	SPURR, G B	ENERGY-NUTRITION OF URBAN WOMEN IN A DEVELOPING COUNTRY	182,996
1R01 EY08388-01	TWINING, SALLY S	EFFECT OF VITAMIN A DEFICIENCY ON LEUKOCYTE FUNCTION	113,031
INSTITUTION TOTAL	8	916,529	
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MILWAUKEE			
1R15 NS28585-01	HEATHCOTE, R DAVID	NEUROGENESIS IN A SIMPLE GANGLION	103,600
INSTITUTION TOTAL	1	103,600	
CITY TOTAL	12	2,733,367	
STATE TOTAL	**29**	**5,202,284**	
VIRGIN ISLANDS (US)			
CHARLOTTE AMALIE			
UNIVERSITY OF THE VIRGIN ISLANDS			
1S03 RR03536-01	GOVINDAN, MELEDATH	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	1	3,000	
STATE TOTAL	**1**	**3,000**	
AUSTRALIA			
BRISBANE			
QUEENSLAND INSTITUTE OF MEDICAL RESEARCH			
1R01 CA52250-01	MOSS, DENIS J	ROLE OF T CELL EPITOPES IN TUMOR SURVEILLANCE	102,848
INSTITUTION TOTAL	1	102,848	
CITY TOTAL	1	102,848	
SYDNEY			
UNIVERSITY OF SYDNEY			
1R01 CA51054-01	MOUNTFORD, CAROLYN E	PLASMA MEMBRANE INVOLVEMENT IN MALIGNANCY AND METASTASIS	120,755
INSTITUTION TOTAL	1	120,755	
CITY TOTAL	1	120,755	
STATE TOTAL	**2**	**223,603**	

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CANADA				
EDMONTON				
ALBERTA CANCER BOARD--DR. W. W. CROSS CANCER INSTITUTE				
1R01 CA52102-01	CHAPMAN, J DONALD		PRECLINICAL INTERSTITIAL PHOTODYNAMIC THERAPY RESEARCH	88,425
INSTITUTION TOTAL	1	88,425		
CITY TOTAL	1	88,425		
MONTREAL				
MC GILL UNIVERSITY				
1R01 EY08216-01A1	GUITTON, DANIEL		OCULOMOTOR AND GAZE-MOTOR SYSTEMS IN VISION	96,538
INSTITUTION TOTAL	1	96,538		
CITY TOTAL	1	96,538		
OTTAWA				
CARLETON UNIVERSITY				
1R01 GM43796-01	STOREY, KENNETH B		ORGAN PRESERVATION STUDIES AND FREEZE TOLERANCE	117,887
INSTITUTION TOTAL	1	117,887		
CITY TOTAL	1	117,887		
TORONTO				
ONTARIO CANCER INSTITUTE				
1R01 CA52182-01	ERLICHMAN, CHARLES		MODULATION OF MULTIDRUG RESISTANCE BY CYCLOSPORIN A	151,686
INSTITUTION TOTAL	1	151,686		
CITY TOTAL	1	151,686		
STATE TOTAL	**4**	**454,536**		
CHINA				
SHANGHAI				
CHINESE ACADEMY OF SCIENCES--SHANGHAI INSTITUTE OF PHYSIOLOGY				
1R01 EY08338-01	YANG, XIONG-LI		MODULATION OF RETINAL FUNCTION	15,500
INSTITUTION TOTAL	1	15,500		
CITY TOTAL	1	15,500		
STATE TOTAL	**1**	**15,500**		

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
FINLAND				
HELSINKI				
UNIVERSITY OF HELSINKI				
1R01 DE09399-01	THESLEFF, IRMA		MOLECULAR CHANGES IN DIFFERENTIATING DENTAL MESENCHYME	78,880
INSTITUTION TOTAL	1	78,880		
CITY TOTAL	1	78,880		
STATE TOTAL	**1**	**78,880**		
ISRAEL				
REHOVOT				
WEIZMANN INSTITUTE OF SCIENCE				
1R01 CA51712-01	YARDEN, YOSEF		REVERSE GENETICS OF THE NEU AND KITY PROTOONCOGENES	88,830
INSTITUTION TOTAL	1	88,830		
CITY TOTAL	1	88,830		
STATE TOTAL	**1**	**88,830**		
SWEDEN				
STOCKHOLM				
CAROLINE INSTITUTE				
1R01 CA52225-01	KLEIN, GEORGE		EB-VIRAL IN LATENCY--TRANSFORMATION AND IMMUNE ESCAPE	94,586
INSTITUTION TOTAL	1	94,586		
CITY TOTAL	1	94,586		
STATE TOTAL	**1**	**94,586**		
TOTAL	**1,349**	**182,285,133**		

CONTRACT NUMBER	PROJECT DIRECTOR			SCOPE OF WORK	DOLLARS AWARDED
ALABAMA					
BIRMINGHAM					
SECRETECH, INC.					
1N44 AI05083-00	RAY, RANJIT			CLONING AND EXPRESSION OF HUMAN PARAINFLUENZA VIRUS	249,788
INSTITUTION TOTAL		1	249,788		
SOUTHERN RESEARCH INSTITUTE					
1N01 ES05289-00	PREJEAN, JD			PRECHRONIC AND CHRONIC STUDIES OF GLYOXAL	175,702
1N01 ES05297-00	PREJEAN, JOSEPH D			CHRONIC GAVAGE STUDY OF THEOPHYLLINE	441,798
INSTITUTION TOTAL		2	617,500		
CITY TOTAL		3	867,288		
STATE TOTAL		**3**	**867,288**		
CALIFORNIA					
BELMONT					
NORTHERN CALIFORNIA CANCER CENTER					
1N01 CP05681-00	HOLLY, ELIZABETH			CASE CONTROL STUDY OF CUTANEOUS MALIGNANT MELANOMA	339,191
1N01 CN05224-00	WEST, DEE			SURVEILLANCE EPIDEMIOLOGY & END RESULTS PROGRAM	1,468,286
INSTITUTION TOTAL		2	1,807,477		
CITY TOTAL		2	1,807,477		
SAN DIEGO					
UNIVERSITY OF CALIFORNIA AT SAN DIEGO					
1N01 NS02377-00	LYDEN, PATRICK D			PHASE II-B RANDOMIZED CONTROLLED STUDY OF TISSUE PLASMIN	115,686
INSTITUTION TOTAL		1	115,686		
CITY TOTAL		1	115,686		
STATE TOTAL		**3**	**1,923,163**		
COLORADO					
FORT COLLINS					
COLORADO STATE UNIVERSITY					
1N01 AI05074-00	BRENNAN, PATRICK J			ANTIGENS FROM PURIFIED MYCOBACTERIUM LEPRAE	355,142
INSTITUTION TOTAL		1	355,142		
CITY TOTAL		1	355,142		
STATE TOTAL		1	355,142		

CONTRACT NUMBER	PROJECT DIRECTOR			SCOPE OF WORK	DOLLARS AWARDED
DISTRICT OF COLUMBIA					
WASHINGTON					
GEORGETOWN UNIVERSITY					
1N01 HI09501-00	WALLACE, ROBERT B			CARDIAC SURGERY SERVICES FOR THE CARDIOLOGY PROGRAM	421,880
INSTITUTION TOTAL		1	421,880		
CITY TOTAL		1	421,880		
STATE TOTAL		**1**	**421,880**		
GEORGIA					
ATLANTA					
EMORY UNIVERSITY					
1N01 NS02378-00	MACKAY, BRUCE C			PHASE II-B RANDOMIZED CONTROLLED STUDY OF TISSUE PLASMIN	156,374
1N01 EY02116-00	MEREDITH, TRAVIS			AGE RELATED EYE DISEASE STUDY	134,113
INSTITUTION TOTAL		2	290,487		
CITY TOTAL		2	290,487		
STATE TOTAL		**2**	**290,487**		
HAWAII					
HONOLULU					
KUAKINI MEDICAL CENTER					
1N01 HC95099-00	CURB, J DAVID			HONOLULU HEART PROGRAM	1,198,935
INSTITUTION TOTAL		1	1,198,935		
CITY TOTAL		1	1,198,935		
STATE TOTAL		**1**	**1,198,935**		
ILLINOIS					
CHICAGO					
BRO'S LITHOGRAPHING COMPANY					
1N01 CO03879-00	KATZ, WILLIAM			BOOKLET PRINTING--EVERYTHING DOESN'T CAUSE CANCER	34,344
INSTITUTION TOTAL		1	34,344		
QUESTAR PRINTING					
1N01 CO03892-00	JANOWICZ, ERIC			PRINT AND BIND--STUDENT RESEARCH TRAINING PROGRAM	2,522
INSTITUTION TOTAL		1	2,522		

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
ILLINOIS				
CHICAGO				
UNIVERSITY OF CHICAGO				
1N01 CM07301-00	RATAIN, MARK J		PHASE I & CLINCIAL PHARMACOKINETICS--ANTI-CANCER AGENTS	216,477
INSTITUTION TOTAL	1	216,477		
CITY TOTAL	3	253,343		
HARVEY				
INGALLS MEMORIAL HOSPITAL				
1N01 EY02124-00	ORTH, DAVID H		AGE-RELATED EYE DISEASE STUDY	71,825
INSTITUTION TOTAL	1	71,825		
CITY TOTAL	1	71,825		
LINCOLNWOOD				
FINE ARTS PRINTING CO.				
1N01 CO03888-00	LAMASTERS, PAUL		PRINT AND BIND A BOOKLET	40,700
INSTITUTION TOTAL	1	40,700		
CITY TOTAL	1	40,700		
STATE TOTAL	**5**	**365,868**		
INDIANA				
INDIANAPOLIS				
INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS				
1N01 NS02385-00	CONNEALLY, P MICHAEL		NATIONAL RESEARCH ROSTER FOR HUNTINGTON'S DISEASE	210,786
INSTITUTION TOTAL	1	210,786		
CITY TOTAL	1	210,786		
STATE TOTAL	**1**	**210,786**		
KENTUCKY				
LEXINGTON				
ENVIRONMENTAL HEALTH RESEARCH AND TESTING				
1N01 ES05285-00	FRANKLIN, CLAIRE		BIOKINETICS OF LEAD IN NONHUMAN PRIMATE PREGNANCY	350,000
1N01 ES05286-00	GULATI, DUSHYANT		CYTOGENETIC TESTS IN VITRO AND IN VIVO	327,801
INSTITUTION TOTAL	2	677,801		
CITY TOTAL	2	677,801		

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
STATE TOTAL	**2**	**677,801**		
LOUISIANA				
LAFAYETTE				
UNIVERSITY OF SOUTHWESTERN LOUISIANA				
1N01 NS02388-00	GREER, WILLIAM E		SLOW, LATENT, TEMPERATE VIRUS INFECTIONS--NERVOUS SYSTEM	341,658
INSTITUTION TOTAL	1	341,658		
CITY TOTAL	1	341,658		
STATE TOTAL	**1**	**341,658**		
MAINE				
BAR HARBOR				
JACKSON LABORATORY				
1N01 HD02913-00	DAVISSON, MURIEL		DISTRIBUTION OF MOUSE MODELS FOR NEURAL TUBE DEFECTS	62,863
INSTITUTION TOTAL	1	62,863		
CITY TOTAL	1	62,863		
STATE TOTAL	**1**	**62,863**		
MARYLAND				
BALTIMORE				
ART LITHO COMPANY				
1N01 CO03882-00	HEYMAN, BARRY M		BOOKLET PRINTING--WHAT YOU NEED TO KNOW ABOUT CANCER	49,200
INSTITUTION TOTAL	1	49,200		
JOHNS HOPKINS UNIVERSITY				
1N01 CM07302-00	DONEHOWER, ROSS		PHASE I AND PHARMACOKINETIC STUDIES OF ANTICANCER AGENTS	338,044
1N01 EY02111-00	MURPHY, ROBERT P		AGE-RELATED EYE DISEASE STUDY	141,956
INSTITUTION TOTAL	2	480,000		
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOL				
1N01 EY02114-00	ELMAN, MICHAEL J		AGE-RELATED EYE DISEASE STUDY	117,227
1N01 NS02375-00	PRICE, THOMAS R		PHASE II-B RANDOMIZED CONTROLLED STUDY OF TISSUE PLASMIN	163,204
1N01 CM07303-00	VAN ECHO, DAVID A		PHASE I AND PHARMACOKINETIC STUDIES OF ANTICANCER AGENTS	274,094
INSTITUTION TOTAL	3	554,525		
CITY TOTAL	6	1,083,725		

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
MARYLAND				
BETHESDA				
CAPITAL TECHNOLOGY AND INFORMATION SERVICES				
1N01 CM07353-00	PROTEAU, PAUL		DTP BIOLOGICAL DATA PROCESSING SYSTEM	553,561
INSTITUTION TOTAL	1	553,561		
COSTABILE ASSOCIATES				
1N01 LM03503-00	BOEHR, DIANE		CATALOGING OF AUDIOVISUAL MONOGRAPHS AND ARCHIVAL FILMS	31,448
INSTITUTION TOTAL	1	31,448		
EAGLE DESIGN AND MANAGEMENT, INC.				
1N01 DK02255-00	LYON, KAREN S		PROVIDE SUPPORT SERVICES FOR THREE NATIONAL INFORMATION	700,130
INSTITUTION TOTAL	1	700,130		
CITY TOTAL	3	1,285,139		
FORESTVILLE				
ARTISAN PRINTING, INC.				
1N01 CO03897-00	GOLDEN, ANDREW		PRINT AND BIND G-291 MAIL LABELS	1,580
1N01 CO03898-00	GOLDEN, ANDREW		CANCER PREVENTION FELLOWSHIP PROGRAM	4,503
INSTITUTION TOTAL	2	6,083		
CITY TOTAL	2	6,083		
GAITHERSBURG				
BALMAR PRINTING AND GRAPHICS, INC.				
1N01 CO03890-00	KOHLER, BEN		PRINT AND BIND BOOKLET--CANCER STATISTICS	21,379
1N01 CO03903-00	KOHLER, BEN		PRINT AND BIND BOOKLET--PROMOTING MAMMOGRAPHY	10,116
INSTITUTION TOTAL	2	31,495		
CITY TOTAL	2	31,495		
LANDOVER				
MC NAUGHTON PRESS				
1N01 CO03899-00	MCNAUGHTON, PAT		PRINT AND BIND FAX TRANSMITTAL SHEET	160
INSTITUTION TOTAL	1	160		
CITY TOTAL	1	160		

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
MARYLAND				
LANHAM				
FACILITIES MANAGEMENT COMPANY, INC.				
1N01 LM03504-00	BIRD, MARY		SEARCHING AND PULLING MANUAL CATALOG CARDS THESES	37,800
INSTITUTION TOTAL	1	37,800		
CITY TOTAL	1	37,800		
LAUREL				
PROLITH INTERNATIONAL				
1N01 CO03885-00	BARRON, RICHARD		PRINT AND BIND FOUR PAMPHLETS	232,409
INSTITUTION TOTAL	1	232,409		
CITY TOTAL	1	232,409		
ROCKVILLE				
AMERICAN TYPE CULTURE COLLECTION				
1N01 CP05684-00	HAY, ROBERT J		PROCUREMENT OF CELLS & DNA FOR GENETIC LINKAGE STUDIES	303,131
INSTITUTION TOTAL	1	303,131		
ERC BIOSERVICES CORPORATION				
1N01 CM07317-00	GROOVER, KATHLEEN		STORAGE AND DISTRIBUTION OF CHEMICALS AND DRUGS	696,258
1N01 CM07320-00	MILLER, ROBERT		STORAGE AND DISTRIBUTION OF CLINICAL DRUGS	308,311
INSTITUTION TOTAL	2	1,004,569		
INFORMATION MANAGEMENT SERVICES				
1N01 CP05618-00	BEACH, JANIS		BIOMEDICAL COMPUTING--DESIGN AND IMPLEMENTATION	581,197
1N01 CP05609-00	DRZYZGULA, CATHY		BIOMEDICAL COMPUTING--DESIGN AND IMPLEMENTATION	173,700
INSTITUTION TOTAL	2	754,897		
PROSPECT ASSOCIATES, LTD.				
1N01 HO09009-00	KEARNEY, CHERRI		TECHNICAL, ANALYTICAL, AND DOCUMENTATION SUPPORT SERVICE	265,257
INSTITUTION TOTAL	1	265,257		
ROW SCIENCES, INC.				
1N01 CN05275-00	AMACHER, RICHARD		SMOKING AND TOBACCO CONTROL MONOGRAPHS	490,711
INSTITUTION TOTAL	1	490,711		

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
MARYLAND				
ROCKVILLE				
S AND S GRAPHICS, INC.				
1N01 C003889-00	HALLER, JAMES L		EATING HINTS BOOKLET	24,850
INSTITUTION TOTAL	1	24,850		
WESTAT, INC.				
1N01 CP05683-00	HANSON, LOUISE		CASE CONTROL STUDY OF CUTANEOUS MALIGNANT MELANOMA	189,727
INSTITUTION TOTAL	1	189,727		
CITY TOTAL	9	3,033,142		
SILVER SPRING				
COMSIS CORPORATION				
1N44 HD02909-00	LERNER, NEIL		RESIDENTIAL SWIMMING POOL CHILD PROTECTIVE SYSTEM	135,719
INSTITUTION TOTAL	1	135,719		
JOHNSON, BASSIN AND SHAW, INC.				
1N01 AR02201-00	BASSIN, GAIL D		ARTHRITIS, MUSCULOSKELETAL, & SKIN DISEASE INFORMATION	391,861
INSTITUTION TOTAL	1	391,861		
CITY TOTAL	2	527,580		
SYKESVILLE				
SPRING VALLEY LABORATORIES				
1N01 AI05076-00	SCHUELER, RONALD L		MAINTENANCE OF A RODENT BREEEDING AND HOLDING FACILITY	515,258
INSTITUTION TOTAL	1	515,258		
CITY TOTAL	1	515,258		
TEMPLE HILLS				
MC DONALD AND EUDY				
1N01 C003895-00	MCDONALD, MICHAEL		PRINT AND BIND PAMPHLET--NCI CLINICAL ONCOLOGY	635
INSTITUTION TOTAL	1	635		
CITY TOTAL	1	635		
TUXEDO				
PRINTERS II				
1N01 C003881-00	HARTMAN, RAY		BOOKLET PRINTING--AFTER BREAST CANCER	71,500

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
MARYLAND				
TUXEDO				
PRINTERS II				
1N01 C003900-00	HARTMAN, RAYMOND		PUBLICATIONS LIST FOR THE PUBLIC AND PATIENTS	7,400
1N01 C003901-00	HARTMAN, RAYMOND		PUBLICATIONS LIST FOR HEALTH PROFESSIONALS	1,980
INSTITUTION TOTAL	3	80,880		
CITY TOTAL	3	80,880		
STATE TOTAL	**32**	**6,834,306**		
MASSACHUSETTS				
BEDFORD				
COLLABORATIVE RESEARCH, INC.				
1N01 NS02387-00	MAO, JEN-I		DNA SEQUENCING OF NEUROTRANSMITTER RECEPTOR GENES	401,607
INSTITUTION TOTAL	1	401,607		
CITY TOTAL	1	401,607		
BELMONT				
BIOMAT CORPORATION				
1N43 ES01002-00	CAHN, FREDERICK		SMALL BUSINESS INNOVATION RESEARCH TOPIC	49,980
INSTITUTION TOTAL	1	49,980		
CITY TOTAL	1	49,980		
BOSTON				
CHILDREN'S HOSPITAL				
1N01 HD02912-00	BERNFIELD, MERTON		HYALURONIC ACID METABOLISM AND CELL PROLIFERATION	92,000
INSTITUTION TOTAL	1	92,000		
MASSACHUSETTS EYE AND EAR INFIRMARY				
1N01 EY02117-00	SEDDON, JOHANNA M		AGE-RELATED EYE DISEASE STUDY	135,436
INSTITUTION TOTAL	1	135,436		
CITY TOTAL	2	227,436		
LOWELL				
UNIVERSITY OF LOWELL				
1N01 AI05075-00	BRUCE, JOHN L		MAINTENANCE AND SUPPLY OF SCHISTOSOME INFECTED SNAILS	251,714
INSTITUTION TOTAL	1	251,714		

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	1	251,714		
MASSACHUSETTS				
WATERTOWN				
NEW ENGLAND RESEARCH INSTITUTE, INC.				
1N01 HV08111-00	MCKINLAY, SONJA		DATA COORDINATION CENTER--EVALUATE IMPLANTABLE LVAS	291,322
1N01 AI05072-00	MCKINLAY, SONJA M		DATA CENTER FOR EPIDEMIOLOGIC INVESTIGATIONS OF HIV	819,049
INSTITUTION TOTAL	2	1,110,371		
CITY TOTAL	2	1,110,371		
WOBURN				
GENTEST CORPORATION				
1N43 ES01001-00	CRESPI, CHARLES L		DEVELOPMENT OF CELL LINES	49,649
INSTITUTION TOTAL	1	49,649		
CITY TOTAL	1	49,649		
WORCESTER				
E G & G, INC.--MASON RESEARCH INSTITUTE				
1N01 ES05299-00	BRAUN, ANDREW		SUBCHRONIC DOSED WATER STUDIES OF URETHANE	918,147
INSTITUTION TOTAL	1	918,147		
CITY TOTAL	1	918,147		
STATE TOTAL	**9**	**3,008,904**		
MICHIGAN				
ANN ARBOR				
ENVIRONMENTAL RESEARCH INSTITUTE OF MICHIGAN				
1N01 NS02389-00	VOGL, THOMAS		COMPUTATIONAL NEURONAL MODELING	205,134
INSTITUTION TOTAL	1	205,134		
CITY TOTAL	1	205,134		
DETROIT				
HENRY FORD HOSPITAL				
1N01 NS02373-00	LEVINE, STEVEN R		PHASE I-B RANDOMIZED CONTROLLED STUDY OF TISSUE PLASMIN	211,651
1N01 NS02382-00	TILLEY, BARBARA C		PHASE II-B RANDOMIZED CONTROLLED STUDY OF TISSUE PLASMIN	345,489
INSTITUTION TOTAL	2	557,140		
CITY TOTAL	2	557,140		

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
MICHIGAN				
ROCHESTER				
OAKLAND UNIVERSITY				
1N01 EY02115-00	MARGHERIO, RAYMOND R		AGE-RELATED EYE DISEASE STUDY	141,474
INSTITUTION TOTAL	1	141,474		
CITY TOTAL	1	141,474		
STATE TOTAL	**4**	**903,748**		
MINNESOTA				
MINNEAPOLIS				
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL				
1N01 AI05073-00	NEATON, JAMES		COMMUNITY PROGRAMS FOR CLINICAL RESEARCH ON AIDS	2,361,161
INSTITUTION TOTAL	1	2,361,161		
CITY TOTAL	1	2,361,161		
ROCHESTER				
MAYO FOUNDATION				
1N01 CM07309-00	KOVACH, JOHN S		PHASE II/III CLINICAL TRIALS OF ANTICANCER AGENTS	139,572
1N01 CM07304-00	RICHARDSON, RONALD L		PHASE I AND PHARMACOKINETIC STUDIES OF ANTICANCER AGENTS	158,396
INSTITUTION TOTAL	2	297,968		
CITY TOTAL	2	297,968		
STATE TOTAL	**3**	**2,659,129**		
NEW YORK				
ALBANY				
UNION COLLEGE AND UNIVERSITY--ALBANY MEDICAL COLLEGE OF UNION UNIV				
1N01 EY02119-00	KASSOFF, AARON		AGE RELATED EYE DISEASE STUDY	127,441
INSTITUTION TOTAL	1	127,441		
CITY TOTAL	1	127,441		
ITHACA				
CORNELL UNIVERSITY ITHACA				
1N01 DE02578-00	CALDWELL, STEVEN		DEVELOPMENT OF A COMPUTER FORECASTING MODEL OF TOOTH	335,246
INSTITUTION TOTAL	1	335,246		
CITY TOTAL	1	335,246		

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
NEW YORK				
NEW YORK				
H. P. KRAUS				
1N01 LM03502-00	MITCHELL, MARY ANN		BOOK--PAVLOV AND IVAN PETROVITCH	38,500
INSTITUTION TOTAL	1	38,500		
MEMORIAL SLOAN-KETTERING CANCER CENTER--MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES				
1N01 CM07311-00	KELSEN, DAVID		PHASE II/III CLINICAL TRIALS OF ANTICANCER AGENTS	219,156
INSTITUTION TOTAL	1	219,156		
CITY TOTAL	2	257,656		
STATE TOTAL	4	720,343		
NORTH CAROLINA				
CHAPEL HILL				
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL				
1N01 ES05294-00	UNDERSOOW, LOUIS E		SUPPORT SERVICES FOR CLINICAL RESEARCH PROJECTS	200,491
INSTITUTION TOTAL	1	200,491		
CITY TOTAL	1	200,491		
RESEARCH TRIANGLE PARK				
RESEARCH TRIANGLE INSTITUTE				
1N01 ES05290-00	RAYMER, JAMES H		EXPIRED BREATH ANALYSIS IN CHEMICAL TOXICITY ASSESSMENT	179,398
INSTITUTION TOTAL	1	179,398		
CITY TOTAL	1	179,398		
STATE TOTAL	2	379,889		
OHIO				
ATHENS				
DNX, INC.				
1N01 HD02911-00	PINKERT, CARL A		NATIONAL TRANSGENIC MOUSE FACILITY	225,000
INSTITUTION TOTAL	1	225,000		
CITY TOTAL	1	225,000		
CINCINNATI				
UNIVERSITY OF CINCINNATI AT CINCINNATI				
1N01 NS02374-00	BROTT, THOMAS G		PHASE II-B RANDOMIZED CONTROLLED STUDY OF TISSUE PLASMIN	235,186

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL	1	235,186		
CITY TOTAL	1	235,186		
OHIO				
COLUMBUS				
BATTELLE MEMORIAL INSTITUTE				
1N01 ES05293-00	KURTZ, PERRY		SKIN PAINT STUDIES OF DIETHANOLAMINE	379,939
1N01 ES05295-00	KURTZ, PERRY		TOXICITY STUDIES OF PRIMACLONE AND OXYMETHOLONE	1,003,718
INSTITUTION TOTAL	2	1,383,657		
CITY TOTAL	2	1,383,657		
STRONGSVILLE				
KENNEDY GRAPHICS				
1N01 CO03893-00	TOTH, FRANK		PRINT AND BIND BOOK--SCHOOL PROGRAMS TO PREVENT SMOKING	21,000
INSTITUTION TOTAL	1	21,000		
CITY TOTAL	1	21,000		
STATE TOTAL	**5**	**1,864,843**		
OREGON				
PORTLAND				
GOOD SAMARITAN HOSPITAL AND MEDICAL CENTER				
1N01 EY02126-00	DREYER, RICHARD F		AGE RELATED EYE DISEASE STUDY	96,955
INSTITUTION TOTAL	1	96,955		
CITY TOTAL	1	96,955		
STATE TOTAL	**1**	**96,955**		
PENNSYLVANIA				
PHILADELPHIA				
UNIVERSITY OF PENNSYLVANIA				
1N01 CP05682-00	HALPERN, ALLEN C		CASE CONTROL STUDY OF CUTANEOUS MALIGNANT MELANOMA	528,440
INSTITUTION TOTAL	1	528,440		
CITY TOTAL	1	528,440		

CONTRACT NUMBER	PROJECT DIRECTOR			SCOPE OF WORK	DOLLARS AWARDED
PENNSYLVANIA					
PITTSBURGH					
EYE AND EAR INSTITUTE OF PITTSBURGH					
1N01 EY02125-00	FRIBERG, THOMAS R			AGE-RELATED EYE DISEASE STUDY	126,682
INSTITUTION TOTAL		1	126,682		
UNIVERSITY OF PITTSBURGH AT PITTSBURGH					
1N01 HV08109-00	GRIFFITH, BARTLEY			CLIN CTRS FOR EVAL IMPL VENT ASSIST SYS HUM SUBJ....	163,206
INSTITUTION TOTAL		1	163,206		
CITY TOTAL		2	289,888		
STATE TOTAL		**3**	**818,328**		
TENNESSEE					
MEMPHIS					
UNIVERSITY OF TENNESSEE AT MEMPHIS					
1N01 NS02380-00	GAINES, KENNETH J			PHASE II-B RANDOMIZED CONTROLLED STUDY OF TISSUE PLASMIN	117,248
INSTITUTION TOTAL		1	117,248		
CITY TOTAL		1	117,248		
STATE TOTAL		**1**	**117,248**		
TEXAS					
HOUSTON					
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON					
1N01 NS02381-00	GROTTA, JAMS C			PHASE II-B RANDOMIZED CONTROLLED STUDY OF TISSUE PLASMIN	136,799
INSTITUTION TOTAL		1	136,799		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER					
1N01 CM07310-00	KRAKOFF, IRWIN H			PHASE II/III CLINICAL TRIALS OF ANTICANCER AGENTS	259,341
INSTITUTION TOTAL		1	259,341		
CITY TOTAL		2	396,140		
SAN ANTONIO					
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO					
1N01 CM07305-00	VON HOFF, DANIEL D			PHASE I & CLINICAL PHARMACOKINETICS--ANTI-CANCER AGENTS	333,972
INSTITUTION TOTAL		1	333,972		
CITY TOTAL		1	333,972		

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
STATE TOTAL	3	730,112		
VIRGINIA				
ALEXANDRIA				
RESEARCH DIMENSIONS, INC.				
1N01 OD02135-00	MAUST, ANN		EVALUATION OF NEEDS, BARRIERS & PERCEPTIONS OF TRAINING	111,507
INSTITUTION TOTAL	1	111,507		
CITY TOTAL	1	111,507		
ARLINGTON				
GRAMMARIANS, INC.				
1N01 CO03851-00	SHAPIRO, BARBARA		EDITORIAL SERVICES FOR THE INTERNATIONAL	189,302
INSTITUTION TOTAL	1	189,302		
INDIVIDUAL AWARD--SIERRA, MARTHA-LUCIA				
1N01 LM03506-00	SIERRA, MARTHA-LUCIA		IN-HOUSE CONSERVATION SERVICES	22,475
INSTITUTION TOTAL	1	22,475		
JAMES BELL ASSOCIATES, INC.				
1N01 RR02132-00	BELL, JAMES		EVALUATION OF GENERAL CLINICAL RESEARCH CENTERS PROGRAM	343,480
1N01 RR02136-00	BELL, JAMES		SHORT TERM EVALUATION OF BIOMEDICAL ENGINEERING	126,798
INSTITUTION TOTAL	2	470,278		
CITY TOTAL	4	682,055		
CHARLOTTESVILLE				
UNIVERSITY OF VIRGINIA CHARLOTTESVILLE				
1N01 NS02376-00	HALEY, E C, JR		PHASE II-B RANDOMIZED CONTROLLED STUDY OF TISSUE PLASMIN	178,511
INSTITUTION TOTAL	1	178,511		
CITY TOTAL	1	178,511		
RICHMOND				
VIRGINIA COMMONWEALTH UNIVERSITY				
1N01 ES05288-00	MUNSON, ALBERT E		IMMUNE RESPONSE TO XENOBIOTICS	505,973
INSTITUTION TOTAL	1	505,973		
CITY TOTAL	1	505,973		

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
VIRGINIA				
STERLING				
COLORCRAFT OF VIRGINIA				
1N01 C003902-00	BOWNS, TIMOTHY		SURVEILLANCE, EPIDEMIOLOGY, AND END RESULT	1,980
INSTITUTION TOTAL	1	1,980		
CITY TOTAL	1	1,980		
STATE TOTAL	**8**	**1,480,026**		
WASHINGTON				
RICHLAND				
BATTELLE MEMORIAL INSTITUTE--BATTELLE PACIFIC NORTHWEST DIVISION				
1N01 ES05287-00	CHOU, BILL G		CHRONIC TOXICITY STUDY OF COBALTOUS SULFATE	303,884
1N01 ES05291-00	CHOU, BILLY J		CHRONIC STUDY OF CHLOROPRENE	176,612
INSTITUTION TOTAL	2	480,496		
CITY TOTAL	2	480,496		
STATE TOTAL	**2**	**480,496**		
WISCONSIN				
MADISON				
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON				
1N01 CM07306-00	CARBONE, PAUL P		PHASE I AND CLINICAL STUDIES OF ANTI-CANCER AGENTS	246,312
1N01 EY02112-00	CHANDRA, SURESH		AGE RELATED EYE DISEASE STUDY	126,535
1N01 EY02130-00	DAVIS, MATTHEW D		AGE RELATED EYE DISEASES STUDY	337,179
INSTITUTION TOTAL	3	710,026		
CITY TOTAL	3	710,026		
STATE TOTAL	**3**	**710,026**		
PUERTO RICO				
SAN JUAN				
UNIVERSITY OF PUERTO RICO MEDICAL SCIENCES				
1N01 AI05057-00	WILLIAMS, DAN C		ANIMAL RESEARCH AND MAINTENANCE FACILITY	699,041
INSTITUTION TOTAL	1	699,041		
CITY TOTAL	1	699,041		
STATE TOTAL	1	699,041		

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
AUSTRALIA				
ADELAIDE				
UNIVERSITY OF ADELAIDE				
1N01 ES05292-00	MCMICHAEL, A J		BIOKINETICS OF LEAD IN HUMAN PREGNANCY	198,094
INSTITUTION TOTAL	1	198,094		
CITY TOTAL	1	198,094		
STATE TOTAL	**1**	**198,094**		
TOTAL	103	28,417,359		

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
ALABAMA			
BIRMINGHAM			
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM			
1T32 DK07643-01A1	DIETHELM, ARNOLD G	TRAINING FOR SURGICAL SCIENTISTS	36,278
1T32 NS07335-01A1	WHITAKER, JOHN N	MOLECULAR NEUROIMMUNOLOGY AND NEUROIMMUNODULATION	91,268
INSTITUTION TOTAL	2	127,546	
CITY TOTAL	2	127,546	
STATE TOTAL	**2**	**127,546**	
ARIZONA			
TUCSON			
UNIVERSITY OF ARIZONA			
1T32 CA09629-01A1	MOON, THOMAS E	CANCER ETIOLOGY AND PREVENTION	85,596
INSTITUTION TOTAL	1	85,596	
CITY TOTAL	1	85,596	
STATE TOTAL	**1**	**85,596**	
CALIFORNIA			
IRVINE			
UNIVERSITY OF CALIFORNIA AT IRVINE			
1T32 NS07351-01	BRONNER-FRASER, MARIANNE E	DEVELOPMENTAL MECHANISMS OF NERVOUS SYSTEM FORMATION	119,195
INSTITUTION TOTAL	1	119,195	
CITY TOTAL	1	119,195	
LOS ANGELES			
CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--CALIFORNIA STATE UNIVERSITY AT NORTHRIDGE			
1T34 GM08395-01	ZAVALA, MARIA E	MINORITY UNDERGRADUATE RESEARCH TRAINING	134,627
INSTITUTION TOTAL	1	134,627	
UNIVERSITY OF SOUTHERN CALIFORNIA			
1T32 GM08375-01	FOX, C FRED	BIOTECHNOLOGY	68,370
INSTITUTION TOTAL	1	68,370	
CITY TOTAL	2	202,997	

GRANT NUMBER	PROGRAM DIRECTOR		TITLE OF PROGRAM	DOLLARS AWARDED
CALIFORNIA				
SAN FRANCISCO				
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO				
1T32 GM08388-01	HUNT, C ANTHONY		BIOTECHNOLOGY	96,582
INSTITUTION TOTAL	1	96,582		
CITY TOTAL	1	96,582		
STANFORD				
STANFORD UNIVERSITY				
1T32 GM08327-01	MCMAHAN, U JACKSON		NEURAL INTEGRATION	86,892
INSTITUTION TOTAL	1	86,892		
CITY TOTAL	1	86,892		
STATE TOTAL	**5**	**505,666**		
COLORADO				
DENVER				
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO HEALTH SCIENCES CENTER				
1T32 HD07385-01	FRERMAN, FRANK E		POSTDOCTORAL RESEARCH TRAINING IN MRDD	72,242
INSTITUTION TOTAL	1	72,242		
CITY TOTAL	1	72,242		
STATE TOTAL	**1**	**72,242**		
CONNECTICUT				
NEW HAVEN				
YALE UNIVERSITY				
1T32 EY07115-01	BARNSTABLE, COLIN J		VISUAL SCIENCES	149,454
INSTITUTION TOTAL	1	149,454		
CITY TOTAL	1	149,454		
STATE TOTAL	**1**	**149,454**		
DISTRICT OF COLUMBIA				
WASHINGTON				
GEORGETOWN UNIVERSITY				
1T32 GM08386-01	WOOSLEY, RAYMOND L, JR		CLINICAL PHARMACOLOGY	72,480
INSTITUTION TOTAL	1	72,480		

GRANT NUMBER	PROGRAM DIRECTOR		TITLE OF PROGRAM	DOLLARS AWARDED
CITY TOTAL	1	72,480		
STATE TOTAL	**1**	**72,480**		
GEORGIA				
ATLANTA				
EMORY UNIVERSITY				
1T32 GM08367-01	LAMBETH, J DAVID		BIOCHEMISTRY, CELLULAR A	73,155
1T32 DK07656-01	MITCH, WILLIAM E		NEPHROLOGY	66,672
INSTITUTION TOTAL	2	139,827		
CITY TOTAL	2	139,827		
AUGUSTA				
UNIVERSITY SYSTEM OF GEORGIA--MEDICAL COLLEGE OF GEORGIA				
1T32 AG00201-01	MAHESH, VIRENDRA B		MOLECULAR ASPECTS OF ENDOCRINE CELL SENESCENCE	29,700
INSTITUTION TOTAL	1	29,700		
CITY TOTAL	1	29,700		
STATE TOTAL	**3**	**169,527**		
ILLINOIS				
CHICAGO				
UNIVERSITY OF CHICAGO				
1T32 CA09649-01	DOI, KUNIO		RESEARCH TRAINING IN MEDICAL PHYSICS	169,136
1T32 EY07098-01	ERNEST, J TERRY		VISUAL SCIENCES	111,957
1T32 GM08369-01	ROTHMAN-DENES, LUCIA B		BIOTECHNOLOGY	153,000
INSTITUTION TOTAL	3	434,093		
UNIVERSITY OF ILLINOIS AT CHICAGO				
1T32 HL07692-01	SOLARO, R JOHN		CELLULAR SIGNALING IN THE CARDIOVASCULAR SYSTEM	173,900
INSTITUTION TOTAL	1	173,900		
CITY TOTAL	4	607,993		
STATE TOTAL	**4**	**607,993**		
INDIANA				
INDIANAPOLIS				
INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS				
1T32 NR07066-01	MC BRIDE, ANGELA B		HEALTH BEHAVIOR NURSING	50,868

GRANT NUMBER	PROGRAM DIRECTOR		TITLE OF PROGRAM	DOLLARS AWARDED
INSTITUTION TOTAL	1	50,868		
CITY TOTAL	1	50,868		
INDIANA				
WEST LAFAYETTE				
PURDUE UNIVERSITY WEST LAFAYETTE				
1T32 GM08298-01A1	BYRN, STEPHEN R		CHEMICAL PHARMACOLOGY	96,650
INSTITUTION TOTAL	1	96,650		
CITY TOTAL	1	96,650		
STATE TOTAL	**2**	**147,518**		
IOWA				
IOWA CITY				
UNIVERSITY OF IOWA				
1T32 GM08365-01	GIBSON, DAVID T		BIOTECHNOLOGY	63,606
INSTITUTION TOTAL	1	63,606		
CITY TOTAL	1	63,606		
STATE TOTAL	**1**	**63,606**		
KENTUCKY				
LEXINGTON				
UNIVERSITY OF KENTUCKY				
1T32 ES07266-01	TOBIN, THOMAS		ENVIRONMENTAL TOXICOLOGY	94,092
INSTITUTION TOTAL	1	94,092		
CITY TOTAL	1	94,092		
STATE TOTAL	**1**	**94,092**		
LOUISIANA				
NEW ORLEANS				
LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS				
1T32 EY07100-01	KLYCE, STEPHEN D		VISION RESEARCH	90,180
INSTITUTION TOTAL	1	90,180		
CITY TOTAL	1	90,180		
STATE TOTAL	**1**	**90,180**		

NIH RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR		TITLE OF PROGRAM	DOLLARS AWARDED
MARYLAND				
BALTIMORE				
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOL				
1T32 ES07263-01	FOWLER, BRUCE A		MECHANISMS OF AQUATIC, NEURO AND CELLULAR TOXICOLOGY	48,756
INSTITUTION TOTAL	1	48,756		
CITY TOTAL	1	48,756		
STATE TOTAL	**1**	**48,756**		
MASSACHUSETTS				
BOSTON				
HARVARD UNIVERSITY				
1T32 CA09642-01	STILES, CHARLES D		MOLECULAR BIOLOGY OF ANIMAL CELL GROWTH FACTORS	126,850
INSTITUTION TOTAL	1	126,850		
TUFTS UNIVERSITY				
1T35 DK07635-01	ANWER, MOHAMMED S		SHORT-TERM TRAINING IN HEALTH PROFESSIONAL SCHOOLS	40,484
1T32 DK07651-01	ROSENBERG, IRWIN H		DOCTORAL PROGRAM IN HUMAN NUTRITION & METABOLISM	93,836
INSTITUTION TOTAL	2	134,320		
CITY TOTAL	3	261,170		
WALTHAM				
BRANDEIS UNIVERSITY				
1T32 AG00204-01	WINGFIELD, ARTHUR		COGNITIVE AGING IN A SOCIAL CONTEXT	64,858
INSTITUTION TOTAL	1	64,858		
CITY TOTAL	1	64,858		
STATE TOTAL	**4**	**326,028**		
MICHIGAN				
ANN ARBOR				
UNIVERSITY OF MICHIGAN AT ANN ARBOR				
1T32 GM08322-01	KLUGER, MATTHEW J		SYTEMS AND INTEGRATIVE BIOLOGY	39,268
INSTITUTION TOTAL	1	39,268		
CITY TOTAL	1	39,268		
STATE TOTAL	**1**	**39,268**		

NIH RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR		TITLE OF PROGRAM	DOLLARS AWARDED
MINNESOTA				
MINNEAPOLIS				
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL				
1T32 DK07654-01	CERRA, FRANK		TRAINING PROGRAM FOR PHYSICIANS IN NUTRITION RESEARCH	105,708
1T32 AG00198-01A1	MALETTA, GABE J		BEHAVIORAL NEUROSCIENCE OF AGING	91,315
1T32 HD07381-01	QUIE, PAUL G		INFECTIOUS DISEASES	138,210
INSTITUTION TOTAL	3	335,233		
CITY TOTAL	3	335,233		
STATE TOTAL	**3**	**335,233**		
MISSOURI				
SAINT LOUIS				
ST. LOUIS UNIVERSITY				
1T32 GM08306-01	WESTFALL, THOMAS C		PHARMACOLOGICAL SCIENCES	55,764
INSTITUTION TOTAL	1	55,764		
CITY TOTAL	1	55,764		
STATE TOTAL	**1**	**55,764**		
NEW YORK				
ITHACA				
CORNELL UNIVERSITY ITHACA				
1T32 ES07261-01	CASELLA, GEORGE		STATISTIC AND ENVIRONMENTAL SCIENCE	44,172
1T32 GM08384-01	WILSON, DAVID B		BIOTECHNOLOGY OF PROTEIN ENGINEERING	221,615
INSTITUTION TOTAL	2	265,787		
CITY TOTAL	2	265,787		
NEW YORK				
MEMORIAL SLOAN-KETTERING CANCER CENTER--MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES				
1T32 CA09628-01A1	WINAWER, SIDNEY J		GI ONCOLOGY RESEARCH	69,796
INSTITUTION TOTAL	1	69,796		
CITY TOTAL	1	69,796		
ROCHESTER				
UNIVERSITY OF ROCHESTER				
1T32 HD07383-01	COHEN, HARVEY J		MOLECULAR BIOLOGY OF DEVELOPMENT	117,198

NIH RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR			TITLE OF PROGRAM	DOLLARS AWARDED
NEW YORK					
ROCHESTER					
UNIVERSITY OF ROCHESTER					
1T32 NS07338-01A1	GRIGGS, ROBERT C			EXPERIMENTAL THERAPEUTICS IN NEUROLOGICAL DISEASE	91,674
INSTITUTION TOTAL		2	208,872		
CITY TOTAL		2	208,872		
STATE TOTAL		**5**	**544,455**		
PENNSYLVANIA					
PITTSBURGH					
UNIVERSITY OF PITTSBURGH AT PITTSBURGH					
1T32 HD07332-01A1	PLANT, TONY M			POSTDOCTORAL TRAINING IN REPRODUCTIVE PHYSIOLOGY	50,351
INSTITUTION TOTAL		1	50,351		
CITY TOTAL		1	50,351		
UNIVERSITY PARK					
PENNSYLVANIA STATE UNIVERSITY AT UNIVERSITY PARK					
1T32 AG00208-01	HOGAN, DENNIS P			POPULATION BIOLOGY, GENERATIONS, AND COHORT SUCCESSION	44,270
INSTITUTION TOTAL		1	44,270		
CITY TOTAL		1	44,270		
STATE TOTAL		**2**	**94,621**		
SOUTH CAROLINA					
COLUMBIA					
BENEDICT COLLEGE					
1T34 GM08387-01	FINLAY, MARY F			MARC HONORS UNDERGRADUATE PROGRAM	151,059
INSTITUTION TOTAL		1	151,059		
CITY TOTAL		1	151,059		
STATE TOTAL		**1**	**151,059**		
TENNESSEE					
MEMPHIS					
UNIVERSITY OF TENNESSEE AT MEMPHIS					
1T32 NS07323-01A2	KITAI, STEPHEN T			PREDOCTORAL AND POSTDOCTORAL TRAINING IN NEUROSCIENCE	58,168
INSTITUTION TOTAL		1	58,168		

GRANT NUMBER	PROGRAM DIRECTOR		TITLE OF PROGRAM	DOLLARS AWARDED
CITY TOTAL	1	58,168		
STATE TOTAL	**1**	**58,168**		
TEXAS				
AUSTIN				
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN				
1T32 ES07247-01A2	ACOSTA, DANIEL, JR		MECHANISMS OF ORGAN-SPECIFIC TOXICITY OF XENOBIOTICS	57,980
INSTITUTION TOTAL	1	57,980		
CITY TOTAL	1	57,980		
GALVESTON				
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH				
1T32 GM08256-01A1	HERNDON, DAVID N		POSTDOCTORAL TRAINING IN TRAUMA & BURNS	98,820
1T32 ES07254-01A1	YIELDING, K LEMONE		MOLECULAR MECHANISM FOR ENVIRONMENTAL INJURY	109,686
INSTITUTION TOTAL	2	208,506		
CITY TOTAL	2	208,506		
HOUSTON				
BAYLOR COLLEGE OF MEDICINE				
1T32 GM08307-01A1	DARLINGTON, GRETCHEN J		PROGRAM IN HUMAN MOLECULAR GENETICS	47,001
1T32 NS07352-01	PATRICK, JAMES W		RESEARCH TRAINING IN NEUROSCIENCE	128,142
1T32 GM08231-01A1	WOO, SAVIO L C		CELL AND MOLECULAR BIOLOGY	30,448
INSTITUTION TOTAL	3	205,591		
RICE UNIVERSITY				
1T32 GM08362-01	RUDOLPH, FREDERICK B		BIOTECHNOLOGY RESEARCH	74,520
INSTITUTION TOTAL	1	74,520		
CITY TOTAL	4	280,111		
SAN ANTONIO				
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO				
1T32 AG00205-01	YU, BYUNG P		NUTRITIONAL GERONTOLOGY	148,500
INSTITUTION TOTAL	1	148,500		
CITY TOTAL	1	148,500		
STATE TOTAL	**8**	**695,097**		

NIH RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR		TITLE OF PROGRAM	DOLLARS AWARDED
VIRGINIA				
CHARLOTTESVILLE				
UNIVERSITY OF VIRGINIA CHARLOTTESVILLE				
1T32 HD07382-01	DESJARDINS, CLAUDE		CELLULAR AND PHYSIOLOGICAL MECHANISMS IN REPRODUCTION	117,700
1T32 GM08260-01	ROBERTS, ROBERT J		CLINICAL PHARMACOLOGY AND TOXICOLOGY	69,992
INSTITUTION TOTAL	2	187,692		
CITY TOTAL	2	187,692		
STATE TOTAL	2	187,692		
WASHINGTON				
SEATTLE				
UNIVERSITY OF WASHINGTON				
1T32 ES07262-01	CHECKOWAY, HARVEY		ENVIRONMENTAL EPIDEMIOLOGY AND BIOSTATISTICS	58,128
1T32 CA09645-01	STAMATOYANNOPOULOS, GEORGE		MOLECULAR MEDICINE	119,592
INSTITUTION TOTAL	2	177,720		
CITY TOTAL	2	177,720		
STATE TOTAL	**2**	**177,720**		
WISCONSIN				
MADISON				
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON				
1T32 AG00188-01A1	AUERBACH, ROBERT		DEVELOPMENTAL BIOLOGY OF AGING	53,579
1T32 HL07684-01A1	MOSHER, DEANE F, JR		HEMOSTASIS AND THROMBOSIS	70,649
INSTITUTION TOTAL	2	124,228		
CITY TOTAL	2	124,228		
MILWAUKEE				
MEDICAL COLLEGE OF WISCONSIN				
1T32 GM08377-01	WARLTIER, DAVID C		ANESTHESIOLOGY RESEARCH TRAINING	77,216
INSTITUTION TOTAL	1	77,216		
CITY TOTAL	1	77,216		
STATE TOTAL	**3**	**201,444**		
TOTAL	**57**	**5,101,205**		

NIH CONSTRUCTION GRANTS

GRANT NUMBER	RESPONSIBLE OFFICIAL		PURPOSE OF GRANT	DOLLARS AWARDED
CALIFORNIA				
LOS ANGELES				
UNIVERSITY OF SOUTHERN CALIFORNIA				
1C06 CA49171-01	HENDERSON, BRIAN E		CANCER CONSTRUCTION GRANT	1,187,686
INSTITUTION TOTAL	1	1,187,686		
CITY TOTAL	1	1,187,686		
STATE TOTAL	1	1,187,686		
ILLINOIS				
SPRINGFIELD				
SOUTHERN ILLINOIS UNIVERSITY SYSTEM--SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE				
1G20 RR05979-01	MONTREY, RICHARD D		DEVELOPING AND IMPROVING INSTITUTIONAL ANIMAL RESOURCES	18,250
INSTITUTION TOTAL	1	18,250		
CITY TOTAL	1	18,250		
STATE TOTAL	1	18,250		
KANSAS				
KANSAS CITY				
UNIVERSITY OF KANSAS COLLEGE OF HEALTH SCIENCES AND HOSPITAL				
1G20 RR05987-01	DAVID, TONY D		ANIMAL RESOURCE IMPROVEMENT PROJECT	100,702
INSTITUTION TOTAL	1	100,702		
CITY TOTAL	1	100,702		
STATE TOTAL	1	100,702		
MINNESOTA				
DULUTH				
UNIVERSITY OF MINNESOTA AT DULUTH				
1G20 RR05985-01	ANDERSON, LARRY D		UMD ANIMAL SERVICES RESEARCH IMPROVEMENT GRANT	157,201
INSTITUTION TOTAL	1	157,201		
CITY TOTAL	1	157,201		
STATE TOTAL	1	157,201		
TENNESSEE				
NASHVILLE				
MEHARRY MEDICAL COLLEGE				
1G20 RR05988-01	SCOTT, MACK T		DEVELOPING & IMPROVING INSTITUTIONAL ANIMAL RESOURCES	241,600

GRANT NUMBER	RESPONSIBLE OFFICIAL		PURPOSE OF GRANT	DOLLARS AWARDED
INSTITUTION TOTAL	1	241,600		
CITY TOTAL	1	241,600		
STATE TOTAL	1	241,600		
TEXAS				
SAN ANTONIO				
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO				
1G20 RR05978-01	WOLF, ROBERT H		DEVELOPING AND IMPROVING INSTITUTIONAL ANIMAL RESOURCES	85,980
INSTITUTION TOTAL	1	85,980		
CITY TOTAL	1	85,980		
STATE TOTAL	1	85,980		
WISCONSIN				
MADISON				
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON				
1C06 CA46879-01	DE METS, DAVID L		ONCOLOGY FACILITY ADDITION	384,833
INSTITUTION TOTAL	1	384,833		
CITY TOTAL	1	384,833		
STATE TOTAL	1	384,833		
TOTAL	7	2,176,252		

NIH MEDICAL LIBRARY GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA				
FRESNO				
VALLEY CHILDREN'S HOSPITAL				
1G07 LM05083-01	CONNOR, PAUL		MEDICAL LIBRARY RESOURCE IMPROVEMENT GRANT	4,000
INSTITUTION TOTAL	1	4,000		
CITY TOTAL	1	4,000		
STATE TOTAL	**1**	**4,000**		
TEXAS				
SAN ANTONIO				
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO				
1G08 LM05105-01	BOWDEN, VIRGINIA M		FLIS--LIS USERS GROUP--PLANNING & DEVELOPMENT	145,415
INSTITUTION TOTAL	1	145,415		
CITY TOTAL	1	145,415		
STATE TOTAL	**1**	**145,415**		
WISCONSIN				
JANESVILLE				
MERCY HOSPITAL OF JANESVILLE				
1G07 LM05084-01	BREWSTER, DORIS		MEDICAL LIBRARY RESOURCE IMPROVEMENT GRANT	4,000
INSTITUTION TOTAL	1	4,000		
CITY TOTAL	1	4,000		
STATE TOTAL	**1**	**4,000**		
TOTAL	3	153,415		

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ALABAMA				
BIRMINGHAM				
SOUTHERN RESEARCH INSTITUTE				
1U01 AI30279-01	PIPER, JAMES R		AGENTS AGAINST PNEUMOCYSTIS AND TOXOPLASMA	517,603
INSTITUTION TOTAL	1	517,603		
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM				
1U01 AI30451-01	LAKEMAN, FRED D		DIAGNOSTIC APPROACHES TO HERPES SIMPLEX VIRUS INFECTIONS	147,479
INSTITUTION TOTAL	1	147,479		
CITY TOTAL	2	665,082		
STATE TOTAL	**2**	**665,082**		
ARIZONA				
TUCSON				
UNIVERSITY OF ARIZONA				
1U01 AI30223-01	STERLING, CHARLES R		IMMUNOTHERAPY OF CRYPTOSPORIDIOSIS USING MONOCLONALS	268,975
INSTITUTION TOTAL	1	268,975		
CITY TOTAL	1	268,975		
STATE TOTAL	**1**	**268,975**		
CALIFORNIA				
BELMONT				
NORTHERN CALIFORNIA CANCER CENTER				
1U01 CA52279-01	HODGE, FELICIA		SMOKING CESSATION FOR AMERICAN INDIANS	360,715
INSTITUTION TOTAL	1	360,715		
CITY TOTAL	1	360,715		
EMERYVILLE				
CETUS CORPORATION				
1U01 CA51880-01	HOUSTON, L L		ENGINEERED ANTIBREAST CANCER SINGLE-CHAIN FV IMMUNOTOXIN	1,214,997
1U01 CA51992-01	MCCORMICK, FRANK P		DISCOVERY OF DRUGS INHIBITING ONCOGENIC RAS PROTEINS	724,230
INSTITUTION TOTAL	2	1,939,227		
CITY TOTAL	2	1,939,227		

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA				
OAKLAND				
KAISER FOUNDATION HOSPITALS--KAISER FOUNDATION RESEARCH INSTITUTE				
1U01 AG09089-01	HORNBROOK, MARK C		BEHAVORIAL APPROACH TO FALLS PREVENTION IN THE ELDERLY	441,139
INSTITUTION TOTAL	1	441,139		
CITY TOTAL	1	441,139		
PALO ALTO				
PALO ALTO MEDICAL FOUNDATION RESEARCH INSTITUTE				
1U01 AI30230-01	REMINGTON, JACK S		DRUG DISCOVERY FOR TREATMENT OF TOXOPLASMOSIS IN AIDS	483,458
INSTITUTION TOTAL	1	483,458		
CITY TOTAL	1	483,458		
SAN DIEGO				
UNIVERSITY OF CALIFORNIA AT SAN DIEGO				
1U01 AI30457-01	RICHMAN, DOUGLAS D		RAPID MICROBIAL DIAGNOSIS BY NUCLEIC ACID AMPLIFICATION	160,899
1U01 AI30238-01	WONG-STAAL, FLOSSIE		STRATEGIES FOR HIV VACCINE DEVELOPMENT	1,224,732
INSTITUTION TOTAL	2	1,385,631		
CITY TOTAL	2	1,385,631		
SAN FRANCISCO				
MEDICAL RESEARCH INSTITUTE OF SAN FRANCISCO				
1U10 CA52420-01	EISENBERG, PETER		CALIFORNIA HEALTHCARE SYSTEM CCOP	181,093
INSTITUTION TOTAL	1	181,093		
CITY TOTAL	1	181,093		
STATE TOTAL	**8**	**4,791,263**		
CONNECTICUT				
FARMINGTON				
UNIVERSITY OF CONNECTICUT HEALTH CENTER				
1U01 AG09675-01	WOLFSON, LESLIE		TRAINING BALANCE/STRENGTH OF ELDERLY--IMPROVE FUNCTION	279,580
INSTITUTION TOTAL	1	279,580		
CITY TOTAL	1	279,580		

NIH COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CONNECTICUT				
NEW HAVEN				
YALE UNIVERSITY				
1U01 HD26975-01	DECHERNEY, ALAN H		COOPERATIVE MULTICENTER REPRODUCTIVE MEDICINE NETWORK	9,408
1U01 AG09087-01	TINETTI, MARY E		COMMUNITY-BASED MULTIPLE FALL RISK FACTOR INTERVENTION	270,864
INSTITUTION TOTAL	2	280,272		
CITY TOTAL	2	280,272		
STATE TOTAL	3	559,852		
DISTRICT OF COLUMBIA				
WASHINGTON				
GEORGE WASHINGTON UNIVERSITY				
1U01 HL44315-01	LA ROSA, JOHN C		CHOLESTEROL LOWERING IN THE ELDERLY	22,590
INSTITUTION TOTAL	1	22,590		
GEORGETOWN UNIVERSITY				
1U01 CA51908-01	LIPPMAN, MARC E		GROWTH REGULATION AS TARGETS IN BREAST CANCER TREATMENT	633,489
INSTITUTION TOTAL	1	633,489		
CITY TOTAL	2	656,079		
STATE TOTAL	2	656,079		
GEORGIA				
ATLANTA				
EMORY UNIVERSITY				
1U01 AG09124-01	WOLF, STEVEN L		REDUCING FRAILTY IN ELDERS--TWO EXERCISE INTERVENTIONS	256,710
INSTITUTION TOTAL	1	256,710		
CITY TOTAL	1	256,710		
STATE TOTAL	1	256,710		
ILLINOIS				
NORTH CHICAGO				
ABBOTT LABORATORIES				
1U01 AI30183-01	LARTEY, PAUL A		DISCOVERY OF NOVEL FUNGICIDAL AGENTS	578,524
INSTITUTION TOTAL	1	578,524		
CITY TOTAL	1	578,524		

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	**1**	**578,524**		
IOWA				
IOWA CITY				
UNIVERSITY OF IOWA				
1U01 NR02638-01	MAAS, MERIDEAN L		NURSING INTERVENTIONS FOR FALLS--FIELD EXPERIMENT	412,615
INSTITUTION TOTAL	1	412,615		
CITY TOTAL	1	412,615		
STATE TOTAL	**1**	**412,615**		
MARYLAND				
BALTIMORE				
JOHNS HOPKINS UNIVERSITY				
1U01 CA52857-01	BREM, HENRY		CONTROLLED RELEASE POLYMERS FOR BRAIN TUMORS	1,034,360
1U01 AI30420-01	YOLKEN, ROBERT H		AMPLIFIED NUCLEIC ACID-EIA FOR MICROBIAL DIAGNOSIS	192,939
INSTITUTION TOTAL	2	1,227,299		
CITY TOTAL	2	1,227,299		
STATE TOTAL	**2**	**1,227,299**		
MASSACHUSETTS				
BOSTON				
HEBREW REHABILITATION CENTER FOR AGED				
1U01 AG09078-01	FIATARONE, MARIA A		MUSCLE STRENGTHENING INTERVENTION IN THE FRAIL ELDERLY	189,137
INSTITUTION TOTAL	1	189,137		
UNIVERSITY HOSPITAL				
1U01 CA52020-01	MCCAFFREY, RONALD P		SPECIFIC THERAPY FOR TDT-POSITIVE LEUKEMIA/LYMPHOMA	370,188
INSTITUTION TOTAL	1	370,188		
CITY TOTAL	2	559,325		
STATE TOTAL	**2**	**559,325**		
MINNESOTA				
MINNEAPOLIS				
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL				
1U01 HL44327-01	HUNNINGHAKE, DONALD B		HMG COA REDUCTASE INHIBITORS IN THE ELDERLY	25,328

NIH COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MINNESOTA				
MINNEAPOLIS				
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL				
1U01 AI30456-01	JORDAN, M COLIN		MOLECULAR DIAGNOSIS OF CYTOMEGALOVIRUS DISEASE	145,083
INSTITUTION TOTAL	2	170,411		
CITY TOTAL	2	170,411		
STATE TOTAL	**2**	**170,411**		
MISSOURI				
SAINT LOUIS				
WASHINGTON UNIVERSITY				
1U01 AI30188-01	GORDON, JEFFREY I		MODULATION OF PROTEIN N-MYRISTOYLATION IN MYCO PATHOGENS	232,387
1U01 AG09098-01	MILLER, J PHILIP		REDUCING FRAILITY AND INJURIES IN OLDER PERSONS	342,434
INSTITUTION TOTAL	2	574,821		
CITY TOTAL	2	574,821		
STATE TOTAL	**2**	**574,821**		
NEW YORK				
NEW YORK				
COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK				
1U01 HL45460-01	GINSBERG, HENRY N		CORONARY ARTERY DISEASE AND POSTPRANDIAL LIPOPROTEINS	299,920
INSTITUTION TOTAL	1	299,920		
CITY TOTAL	1	299,920		
STATE TOTAL	**1**	**299,920**		
NORTH CAROLINA				
CHAPEL HILL				
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL				
1U01 HL44311-01	DAVIS, CLARENCE E		HMG COA REDUCTASE INHIBITORS IN THE ELDERLY	36,969
1U01 HL45467-01	HEISS, GERARDO		POSTPRANDIAL LIPOPROTEINS AND ATHEROSCLEROSIS/CORE	375,080
INSTITUTION TOTAL	2	412,049		
CITY TOTAL	2	412,049		
WINSTON-SALEM				
WAKE FOREST UNIVERSITY				
1U01 HL44319-01	CROUSE, JOHN R		HMG COA REDUCTASE INHIBITORS IN THE ELDERLY	19,149

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NORTH CAROLINA			
WINSTON-SALEM			
WAKE FOREST UNIVERSITY			
1U01 CA52256-01	DIGNAN, MARK B	PREVENTION OF CERVICAL CANCER IN NATIVE AMERICAN WOMEN	278,687
INSTITUTION TOTAL	2	297,836	
CITY TOTAL	2	297,836	
STATE TOTAL	**4**	**709,885**	
OREGON			
EUGENE			
OREGON RESEARCH INSTITUTE			
1U01 CA52230-01	LICHTENSTEIN, EDWARD L	TOBACCO POLICY INTERVENTIONS IN NORTHWEST INDIAN TRIBES	282,252
INSTITUTION TOTAL	1	282,252	
CITY TOTAL	1	282,252	
STATE TOTAL	**1**	**282,252**	
PENNSYLVANIA			
PHILADELPHIA			
WISTAR INSTITUTE OF ANATOMY AND BIOLOGY			
1U01 CA51958-01	STEPLEWSKI, ZENON S	RADIOISOTOPE-ANTIBODY CONJUGATES FOR CANCER THERAPY	822,654
INSTITUTION TOTAL	1	822,654	
CITY TOTAL	1	822,654	
PITTSBURGH			
MAGEE-WOMEN'S HOSPITAL			
1U01 HD27009-01	GUZICK, DAVID S	COOPERATIVE MULTICENTER REPRODUCTIVE MEDICINE NETWORK	14,939
INSTITUTION TOTAL	1	14,939	
CITY TOTAL	1	14,939	
STATE TOTAL	**2**	**837,593**	
TENNESSEE			
MEMPHIS			
UNIVERSITY OF TENNESSEE AT MEMPHIS			
1U01 HL44298-01	APPLEGATE, WILLIAM B	HMG COA REDUCTASE INHIBITORS IN THE ELDERLY	22,669
INSTITUTION TOTAL	1	22,669	

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	22,669		
STATE TOTAL	**1**	**22,669**		
TEXAS				
HOUSTON				
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER				
1U01 CA53617-01	LEVIN, VICTOR A		DISCOVERY AND DEVELOPMENT OF TYROSINE KINASE INHIBITORS	576,634
INSTITUTION TOTAL	1	576,634		
CITY TOTAL	1	576,634		
SAN ANTONIO				
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO				
1U01 AG09117-01	MULROW, CYNTHIA D		EFFECTS OF PHYSICAL THERAPY IN NURSING HOME RESIDENTS	287,296
INSTITUTION TOTAL	1	287,296		
CITY TOTAL	1	287,296		
STATE TOTAL	**2**	**863,930**		
WASHINGTON				
SEATTLE				
UNIVERSITY OF WASHINGTON				
1U01 AG09095-01	BUCHNER, DAVID M		HEALTH STATUS EFFECTS OF ENDURANCE & STRENGTH TRAINING	282,638
1U01 HL44299-01	KNOPP, ROBERT H		HMG COA REDUCTASE INHIBITORS IN THE ELDERLY	23,295
INSTITUTION TOTAL	2	305,933		
CITY TOTAL	2	305,933		
STATE TOTAL	**2**	**305,933**		
TOTAL	40	14,043,138		

NIH RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW		FIELD OF INTEREST	DOLLARS AWARDED
ALABAMA				
BIRMINGHAM				
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM				
1F32 HL08320-01	CALHOUN, DAVID A		PHYSIOLOGY	30,500
INSTITUTION TOTAL	1	30,500		
CITY TOTAL	1	30,500		
STATE TOTAL	**1**	**30,500**		
ARIZONA				
TUCSON				
UNIVERSITY OF ARIZONA				
1F06 TW01592-01	HARTSHORNE, DAVID J		BIOCHEMISTRY	7,067
1F32 NS08947-01	JONES, ROSS T		NEUROBIOLOGY	20,000
1F31 NR06278-01A1	TEEL, CYNTHIA S		NURSING	12,500
INSTITUTION TOTAL	3	39,567		
CITY TOTAL	3	39,567		
STATE TOTAL	**3**	**39,567**		
CALIFORNIA				
BERKELEY				
UNIVERSITY OF CALIFORNIA AT BERKELEY				
1F32 GM14120-01	COPIE, VALERIE		PHYSICAL CHEMISTRY	20,000
1F32 GM13969-01	DWYER, BRIAN P		BIOCHEMISTRY	20,000
1F32 GM13626-01A1	GRANDINETTI, PHILIP J		PHYSICAL CHEMISTRY	28,000
1F32 GM13972-01	MORRIS, ROBERT J		ORGANIC CHEMISTRY	20,000
INSTITUTION TOTAL	4	88,000		
CITY TOTAL	4	88,000		
DAVIS				
UNIVERSITY OF CALIFORNIA AT DAVIS				
1F32 GM13330-01A1	JURSNICH, VICTORIA A		MOLECULAR BIOLOGY	20,000
1F32 HL08350-01	VALLERGA, ANNE K		INTERNAL MEDICINE	21,000
INSTITUTION TOTAL	2	41,000		
CITY TOTAL	2	41,000		

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CALIFORNIA			
IRVINE			
UNIVERSITY OF CALIFORNIA AT IRVINE			
1F32 GM13942-01	BRANDT, MARK E	MOLECULAR BIOLOGY	21,000
1F32 CA08881-01	GRESE, TIMOTHY A	ORGANIC CHEMISTRY	20,000
1F32 GM13847-01	STORFER, FRANCINE A	DEVELOPMENTAL BIOLOGY	20,000
INSTITUTION TOTAL	3	61,000	
CITY TOTAL	3	61,000	
LOS ANGELES			
UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
1F32 ES05526-01	ALONSO, ESTELLA M	ENVIRONMENTAL TOXICOLOGY	31,750
1F32 EY06288-01	MARTIN, KATHLEEN A	BIOCHEMISTRY	20,000
INSTITUTION TOTAL	2	51,750	
UNIVERSITY OF SOUTHERN CALIFORNIA			
1F32 GM12629-01A1	ARVIDSON, DENNIS N	GENETICS	28,000
1F32 AG05534-01	FILION, DIANE L	EXPERIMENTAL AND GENERAL PSYCHOLOGY	20,000
1F32 AG05528-01	LAPING, NICHOLAS J	NEUROBIOLOGY	21,000
INSTITUTION TOTAL	3	69,000	
CITY TOTAL	5	120,750	
PASADENA			
CALIFORNIA INSTITUTE OF TECHNOLOGY			
1F05 TW04368-01	DE SCHUTTER, ERIK	NEUROBIOLOGY	27,850
1F32 NS08943-01	DESAI, CHAND J	NEUROBIOLOGY	21,000
1F32 GM14106-01	GOLDEN, ANDY	DEVELOPMENTAL BIOLOGY	20,000
1F32 NS08915-01	VU, ERIC T	NEUROBIOLOGY	20,000
INSTITUTION TOTAL	4	88,850	
CITY TOTAL	4	88,850	
SAN DIEGO			
SALK INSTITUTE FOR BIOLOGICAL STUDIES			
1F32 GM13786-01	ARMSTRONG, ROBERT C	MOLECULAR BIOLOGY	20,000
1F05 TW04397-01	CAMERON, ANNE V	ENDOCRINOLOGY	25,500
1F32 CA08895-01	CAULEY, KEITH A	MOLECULAR BIOLOGY	20,000
1F32 HD07343-01	MATHEWS, LAWRENCE S	BIOLOGY	21,000
INSTITUTION TOTAL	4	86,500	

APPLICATION NUMBER	FELLOW		FIELD OF INTEREST	DOLLARS AWARDED
CALIFORNIA				
SAN DIEGO				
SCRIPPS CLINIC AND RESEARCH FOUNDATION				
1F32 GM13991-01	MARINI, NICHOLAS J		MOLECULAR BIOLOGY	20,000
1F05 TW04345-01	NASSIF, XAVIER		MICROBIOLOGY	26,350
INSTITUTION TOTAL	2	46,350		
UNIVERSITY OF CALIFORNIA AT SAN DIEGO				
1F05 TW04383-01	CHAMBARD, JEAN-CLAUDE		CELL BIOLOGY	28,290
1F32 HL08252-01A1	KELLEY, MICHAEL J		BIOCHEMISTRY	21,000
1F32 GM13992-01	LI, WANJUN		BIOLOGY	29,250
1F32 AI08248-01	PAGE, DAWNE M		IMMUNOLOGY	20,00135
1F32 HD07410-01	PIQUETTE, GARY N		REPRODUCTIVE PHYSIOLOGY	28,000
1F05 TW04484-01	RADIC, ZORAN		MEDICINAL/PHARMACEUTICAL CHEMISTRY	26,200
1F32 HL08343-01	TSAI, AMY G		ENGINEERING	21,000
INSTITUTION TOTAL	7	173,740		
CITY TOTAL	13	306,590		
SAN FRANCISCO				
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO				
1F32 GM13112-01A2	BECKMANN, RICHARD P		BIOCHEMISTRY	28,000
1F32 HL08347-01	BERMINGHAM, JOHN R		MOLECULAR BIOLOGY	20,000
1F32 EY06301-01	CASSILL, J AARON		BIOLOGY	21,000
1F31 NR06535-01	DOORDAN, ANN P		NURSING	12,500
1F31 NR06587-01	HAMMOND, ROSALIE H		NURSING	12,500
1F32 AI08065-01A1	HEMPEL, WILLIAM M		IMMUNOLOGY	21,000
1F32 HL08239-01	HUNG, DAVID T		CARDIOVASCULAR DISEASES	33,000
1F31 NR06530-01	MILLER, LANA L		NURSING	12,500
1F31 NR06533-01	RUIZ, BERTHA A		NURSING	12,500
1F32 GM14053-01	TURNER, GEORGE J		BIOCHEMISTRY	21,000
1F32 NS08945-01	VERRALL, SHAHLA		BIOCHEMISTRY	20,000
1F33 HL08316-01	WILLIAMS, DAVID L		CELL BIOLOGY	33,000
1F05 TW04453-01	WONGWIECHINTANA, CHINDA		MEDICINAL/PHARMACEUTICAL CHEMISTRY	29,000
INSTITUTION TOTAL	13	276,000		
CITY TOTAL	13	276,000		
SOUTH SAN FRANCISCO				
GENENTECH, INC.				
1F32 GM14151-01	HYNES, THOMAS R		MOLECULAR BIOLOGY	20,000
INSTITUTION TOTAL	1	20,000		
CITY TOTAL	1	20,000		

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CALIFORNIA			
STANFORD			
STANFORD UNIVERSITY			
1F32 GM14146-01	BRAVO, DEBORAH A	BIOCHEMISTRY	20,000
1F32 CA08918-01	BROPHY, NATHALIE A	PHARMACOLOGY	34,500
1F05 TW04347-01	CASTUMA, CELINA E	BIOCHEMISTRY	27,580
1F32 GM14032-01	FLYGARE, JOHN A	ORGANIC CHEMISTRY	20,000
1F32 GM14108-01	KARLIN-NEUMANN, GEORGE A	GENETICS	20,000
1F32 NS08905-01	PROSSER, REBECCA A	NEUROBIOLOGY	20,000
1F32 NS08918-01	REIST, NOREEN E	NEUROBIOLOGY	20,000
1F32 NS08934-01	SCHUMAN, ERIN M	PHYSIOLOGICAL PSYCHOLOGY AND PSYCHOBIOLOGY	20,000
INSTITUTION TOTAL	8	182,080	
CITY TOTAL	8	182,080	
TORRANCE			
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR-UCLA MEDICAL CENTER			
1F33 DK08514-01	GONZALEZ-CADAVID, NESTOR F	DEVELOPMENTAL BIOLOGY	34,500
INSTITUTION TOTAL	1	34,500	
CITY TOTAL	1	34,500	
STATE TOTAL	**54**	**218,770**	
COLORADO			
BOULDER			
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO AT BOULDER			
1F31 NR06557-01	BOE, S KATHRYN	ANTHROPOLOGY	12,500
INSTITUTION TOTAL	1	12,500	
CITY TOTAL	1	12,500	
DENVER			
NATIONAL JEWISH CENTER FOR IMMUNOLOGY AND RESPIRATORY MEDICINE			
1F32 HD07437-01	LOWNDES, JOSEPH M	SURGERY	21,000
INSTITUTION TOTAL	1	21,000	
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO HEALTH SCIENCES CENTER			
1F32 HD07430-01	BECK, CANDACE A	PATHOLOGY	28,000
1F32 CA08914-01	ROY, LINDA M	CELL BIOLOGY	21,000
INSTITUTION TOTAL	2	49,000	
CITY TOTAL	3	70,000	

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
COLORADO			
FORT COLLINS			
COLORADO STATE UNIVERSITY			
1F32 GM13875-01	LOFQUIST, ALAN K	MOLECULAR BIOLOGY	20,000
INSTITUTION TOTAL	1	20,000	
CITY TOTAL	1	20,000	
STATE TOTAL	**5**	**102,500**	
CONNECTICUT			
FARMINGTON			
UNIVERSITY OF CONNECTICUT HEALTH CENTER			
1F32 DC00038-01	HUTSON, KENDALL A	COMMUNICATIVE SCIENCES	28,000
INSTITUTION TOTAL	1	28,000	
CITY TOTAL	1	28,000	
NEW HAVEN			
YALE UNIVERSITY			
1F32 CA08907-01	BENBOW, JOHN W	CHEMISTRY	20,000
1F05 TW04364-01	CHUANSHENG, NIU	MEDICINAL/PHARMACEUTICAL CHEMISTRY	26,300
1F32 HL08236-01	GERVAY, JACQUELYN	CHEMISTRY	21,000
1F32 NS08907-01	GRAHAM, GLENN D	BIOCHEMISTRY	34,500
1F32 GM13758-01	JOHNSON, KARL A	BIOLOGY	21,000
1F32 GM14122-01	KAHN, JASON D	BIOCHEMISTRY	20,000
1F32 GM14098-01	MOOKHTIAR, KASIM A	BIOCHEMISTRY	30,500
1F32 HD07412-01	MURTHA, MICHAEL T	BIOLOGY	28,000
1F32 GM13963-01	ROCCO, VINCENT P	ORGANIC CHEMISTRY	20,000
1F32 EY06289-01	SCHEETZ, ALFRED J	BIOLOGY	20,000
1F32 NS08929-01	STEPHAN, MEGAN M	NEUROBIOLOGY	28,000
1F32 GM14121-01	YOUNG, DAVID M	BIOLOGY	33,000
INSTITUTION TOTAL	12	302,300	
CITY TOTAL	12	302,300	
STATE TOTAL	**13**	**330,300**	
DISTRICT OF COLUMBIA			
WASHINGTON			
CARNEGIE INSTITUTION OF WASHINGTON, D. C.			
1F32 HD07426-01	BUCKBINDER, LEONARD	EMBRYOLOGY	20,000
INSTITUTION TOTAL	1	20,000	

APPLICATION NUMBER	FELLOW		FIELD OF INTEREST	DOLLARS AWARDED
CITY TOTAL	1	20,000		
STATE TOTAL	**1**	**20,000**		
FLORIDA				
GAINESVILLE				
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA				
1F31 NR06567-01	PETERSON, JANICE Z		NURSING	12,500
1F32 DE05583-01	SHEATS, ROSE D		ORAL BIOLOGY	34,500
INSTITUTION TOTAL	2	47,000		
CITY TOTAL	2	47,000		
STATE TOTAL	**2**	**47,000**		
GEORGIA				
ATHENS				
UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA				
1F32 GM14057-01	CHANG, YUN C		GENETICS	21,000
INSTITUTION TOTAL	1	21,000		
CITY TOTAL	1	21,000		
ATLANTA				
EMORY UNIVERSITY				
1F32 HL08307-01	FATH, KENNETH A		MOLECULAR BIOLOGY	30,500
INSTITUTION TOTAL	1	30,500		
CITY TOTAL	1	30,500		
AUGUSTA				
UNIVERSITY SYSTEM OF GEORGIA--MEDICAL COLLEGE OF GEORGIA				
1F05 TW04414-01	ADEKILE, ADEKUNLE D		IMMUNOLOGY	29,600
INSTITUTION TOTAL	1	29,600		
CITY TOTAL	1	29,600		
STATE TOTAL	**3**	**81,100**		
HAWAII				
HONOLULU				
UNIVERSITY OF HAWAII SYSTEM--UNIVERSITY OF HAWAII AT MANOA				
1F32 HD07421-01	SEKIMURA, SYLVIA Y		ANATOMY	34,500

APPLICATION NUMBER	FELLOW		FIELD OF INTEREST	DOLLARS AWARDED
INSTITUTION TOTAL	1	34,500		
CITY TOTAL	1	34,500		
STATE TOTAL	**1**	**34,500**		
ILLINOIS				
CHICAGO				
NORTHWESTERN UNIVERSITY				
1F32 HL08331-01	LA POINTE, MICHAEL S		PHYSIOLOGY	28,000
INSTITUTION TOTAL	1	28,000		
UNIVERSITY OF CHICAGO				
1F32 DK08528-01	SABLE, KAREN S		BIOLOGY	31,750
1F06 TW01618-01	STRAUSS, BERNARD S		MOLECULAR BIOLOGY	12,553
INSTITUTION TOTAL	2	44,303		
UNIVERSITY OF ILLINOIS AT CHICAGO				
1F31 NR06602-01	AYRES, LIONESS		NURSING	12,500
INSTITUTION TOTAL	1	12,500		
CITY TOTAL	4	84,803		
DE KALB				
NORTHERN ILLINOIS UNIVERSITY				
1F33 DC00048-01	ERWAY, LAWRENCE C		EXPERIMENTAL AND GENERAL PSYCHOLOGY	33,000
INSTITUTION TOTAL	1	33,000		
CITY TOTAL	1	33,000		
EVANSTON				
NORTHWESTERN UNIVERSITY				
1F33 AG05532-01	CAMPBELL, RICHARD T		SOCIAL/BEHAVIORAL SCIENCES	33,000
1F32 HL08298-01	COLES, SHARON K		PHYSIOLOGY	28,000
1F32 GM14102-01	SARGE, KEVIN D		MOLECULAR BIOLOGY	21,000
INSTITUTION TOTAL	3	82,000		
CITY TOTAL	3	82,000		
STATE TOTAL	**8**	**199,803**		

NIH RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
INDIANA			
NOTRE DAME			
UNIVERSITY OF NOTRE DAME			
1F32 AI08197-01	CULLY, JACK F, JR	EPIDEMIOLOGY	31,750
INSTITUTION TOTAL	1	31,750	
CITY TOTAL	1	31,750	
STATE TOTAL	**1**	**31,750**	
IOWA			
IOWA CITY			
UNIVERSITY OF IOWA			
1F32 DK08464-01	ANDERSON, DANIEL K	PHYSIOLOGY	21,000
1F32 HL08366-01	GUILLERY, EDWARD N	PEDIATRICS	29,250
1F32 DK08463-01	LAPLACE, JOAN R	PHYSIOLOGY	31,750
1F32 HL08134-01A1	MEHEGAN, JOHN P	MOLECULAR BIOLOGY	34,500
1F32 HL08357-01	MINOR, ROBERT L, JR	PHYSIOLOGY	30,500
1F32 HL08325-01	RAY, CHESTER A	PHYSIOLOGY	21,000
1F32 HL08349-01	ZARDETTO-SMITH, ANDREA M	NEUROBIOLOGY	20,000
INSTITUTION TOTAL	7	188,000	
CITY TOTAL	7	188,000	
STATE TOTAL	**7**	**188,000**	
KENTUCKY			
LEXINGTON			
UNIVERSITY OF KENTUCKY			
1F05 TW04422-01	AKANJI, ABAYOMI O	ENDOCRINOLOGY	28,200
INSTITUTION TOTAL	1	28,200	
CITY TOTAL	1	28,200	
LOUISVILLE			
UNIVERSITY OF LOUISVILLE			
1F05 TW04458-01	HADZIJAHIC, NEVEN H	BIOLOGY	26,300
INSTITUTION TOTAL	1	26,300	
CITY TOTAL	1	26,300	
STATE TOTAL	**2**	**54,500**	

NIH RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
1F32 ES05508-01	KELCE, WILLIAM R	EPIDEMIOLOGY OF POPULATION DYNAMICS	21,000
1F32 EY06279-01	KLOPFER, JOANNE S	OPHTHALMOLOGY	34,500
1F32 HL08355-01	LANDSCHULZ, KATHERINE T	NUTRITION	21,000
1F32 EY06273-01	LEWIS, RICHARD F	NEUROLOGY	30,500
1F32 HL08030-01A1	LIVINGSTON, JULIE Z	BIOMEDICAL ENGINEERING	30,500
1F32 GM14087-01	MARTIN, CATHLEEN A	MOLECULAR BIOLOGY	20,000
1F32 HL08184-01	RESAR, JON R	PHYSIOLOGY	31,750
1F32 GM13693-01	SAVANT, SMITA S	MOLECULAR BIOLOGY	21,000
1F32 GM14114-01	WEISZ, ORA A	CELL BIOLOGY	20,000
1F32 HL08327-01	WHITE, PETER JR	PHYSIOLOGY	30,500
1F32 GM14070-01	ZAWADZKE, LAURA E	INORGANIC CHEMISTRY	20,000
INSTITUTION TOTAL	11	280,750	
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOL			
1F32 AG05525-01	LLOYD, JONATHAN M	REPRODUCTIVE PHYSIOLOGY	28,000
INSTITUTION TOTAL	1	28,000	
CITY TOTAL	12	308,750	
BETHESDA			
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL CANCER INSTITUTE			
1F05 TW04344-01	CLEGHORN, FARLEY R	EPIDEMIOLOGY	23,635
INSTITUTION TOTAL	1	23,635	
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL EYE INSTITUTE			
1F32 EY06291-01	JONES, BRUCE E	NEUROBIOLOGY	28,250
INSTITUTION TOTAL	1	28,250	
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL HEART LUNG AND BLOOD INSTITUTE			
1F35 HL08279-01	HIBBS, JONATHON R	INTERNAL MEDICINE	32,000
1F35 HL08192-01	RAGHER, JACK A	IMMUNOLOGY	27,000
INSTITUTION TOTAL	2	59,000	
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTE OF ALLERGY & INFECTIOUS DIS			
1F35 AI08371-01	MULLIN, GERARD E	INFECTIOUS DISEASES	29,500
INSTITUTION TOTAL	1	29,500	

NIH RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW		FIELD OF INTEREST	DOLLARS AWARDED
MARYLAND				
BETHESDA				
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTE OF CHILD HEALTH & HUMAN DEVEL				
1F35 HD07463-01	HAHN, SI H		HUMAN GENETICS	33,500
1F35 HD07492-01	NOVOSAD, JUDITH A		ENDOCRINOLOGY	32,000
INSTITUTION TOTAL	2	65,500		
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTES OF HEALTH				
1F15 TW00340-01	JAENICKE, RAINER		BIOCHEMISTRY	17,500
1F15 TW00338-01	MORALES, MANUEL F		BIOPHYSICS	20,000
1F15 TW00339-01	PERHAM, RICHARD N		BIOCHEMISTRY	15,000
1F15 TW00335-01	STENT, GUNTHER S		MOLECULAR BIOLOGY	32,000
INSTITUTION TOTAL	4	84,500		
CITY TOTAL	11	290,385		
FREDERICK				
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--FREDERICK CANCER RESEARCH FACILITY				
1F32 AI08249-01	BALDWIN, ERIC T		IMMUNOLOGY	19,000
INSTITUTION TOTAL	1	19,000		
CITY TOTAL	1	19,000		
STATE TOTAL	**24**	**618,135**		
MASSACHUSETTS				
AMHERST				
UNIVERSITY OF MASSACHUSETTS AT AMHERST				
1F31 GM13269-01	DIVERSE-PIERLUISSI, MARIA A		BIOCHEMISTRY	18,936
INSTITUTION TOTAL	1	18,936		
CITY TOTAL	1	18,936		
BOSTON				
BETH ISRAEL HOSPITAL				
1F32 HL07987-01	KUNTZ, RICHARD E		PHYSIOLOGY	34,500
INSTITUTION TOTAL	1	34,500		
BOSTON UNIVERSITY				
1F32 EY06287-01	KRENZER, KATHLEEN L		OPHTHALMOLOGY	20,000
INSTITUTION TOTAL	1	20,000		

NIH RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
BRIGHAM AND WOMEN'S HOSPITAL			
1F32 HL08321-01	BIALECKI, RUSSELL A	PHYSIOLOGY	28,000
1F32 DK08487-01	HO, KEVIN	PHYSIOLOGY	29,250
1F32 HL08324-01	IZZO, NICHOLAS J, JR	PHYSIOLOGY	28,000
1F32 HL08311-01	VEKSHTEIN, VLADIMIR I	GENERAL CLINICAL MEDICINE	33,000
1F32 DK08486-01	WELLS , REBECCA G	MOLECULAR BIOLOGY	29,250
1F32 HL08282-01	WESTLIN, WILLIAM F	EXPERIMENTAL PATHOLOGY	21,000
1F05 TW04405-01	ZANNINELLI, GIULIANA	BIOLOGY	27,850
INSTITUTION TOTAL	7	196,350	
CHILDREN'S HOSPITAL			
1F32 HD07409-01	MOZELL, ROBIN L	NEUROLOGY	28,000
INSTITUTION TOTAL	1	28,000	
DANA-FARBER CANCER INSTITUTE			
1F32 AI08252-01	BEATTIE, INGRID A	IMMUNOLOGY	20,000
1F32 GM14091-01	FRETER, ROLF	MOLECULAR BIOLOGY	31,750
1F32 CA08912-01	KAELIN, WILLIAM G, JR	MOLECULAR BIOLOGY	34,500
1F32 GM13632-01A1	TORRY, DONALD S	MOLECULAR BIOLOGY	21,000
INSTITUTION TOTAL	4	107,250	
HARVARD UNIVERSITY			
1F05 TW04436-01	CALVO, JOSE M	PHYSIOLOGY	27,800
1F32 HL08365-01	FRYDMAN, JUDITH	CELL PHYSIOLOGY	20,000
1F32 HL08314-01	GUTHEIL, WILLIAM G	BIOCHEMISTRY	21,000
1F05 TW04472-01	HWANG, PUNG	PHYSIOLOGY	29,200
1F32 GM14062-01	JOHNSON, RANDY L	DEVELOPMENTAL BIOLOGY	20,000
1F32 AI08245-01	MAHAN, MICHAEL J	INTERNAL MEDICINE	28,000
1F32 HL08322-01	OTTLINGER, MICHAEL E	PHYSIOLOGY	28,000
1F32 HL08159-01	ROGERS, RICK A	BIOLOGY	21,000
INSTITUTION TOTAL	8	195,000	
MASSACHUSETTS EYE AND EAR INFIRMARY			
1F05 TW04420-01	NEUMANN, RON	IMMUNOLOGY	27,000
INSTITUTION TOTAL	1	27,000	
MASSACHUSETTS GENERAL HOSPITAL			
1F32 HD07435-01	GUSTAFSON, MICHAEL L	SURGERY	28,000

NIH RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
MASSACHUSETTS GENERAL HOSPITAL			
1F32 AI08262-01	LITWIN, CHRISTINE M	INTERNAL MEDICINE	31,750
INSTITUTION TOTAL	2	59,750	
NEW ENGLAND MEDICAL CENTER HOSPITALS, INC.			
1F32 HL08338-01	GOLDEN, JOHN S	PHYSIOLOGY	31,750
1F32 HL08296-01	PORTER, THOMAS J	HEMATOLOGY	20,000
1F32 HL08297-01	SAJER, SUSAN A	HEMATOLOGY	31,750
INSTITUTION TOTAL	3	83,500	
NORTHEASTERN UNIVERSITY			
1F32 DC00043-01	WAYLAND, SARAH C	EXPERIMENTAL AND GENERAL PSYCHOLOGY	20,000
INSTITUTION TOTAL	1	20,000	
CITY TOTAL	29	771,350	
CAMBRIDGE			
HARVARD UNIVERSITY			
1F32 GM14152-01	ALBERG, DAVID G	ORGANIC CHEMISTRY	20,000
1F32 GM14002-01	ELLSWORTH, EDMUND L	ORGANIC CHEMISTRY	20,000
1F32 GM13719-01A1	FARMER, JESSE D, JR	ORGANIC CHEMISTRY	20,000
1F32 AG05515-01	HOLMES, DONNA J	AGING PROCESS	29,250
1F32 GM13879-01	RICHMAN, ADAM M	MOLECULAR BIOLOGY	20,000
1F32 GM13722-01	STEWART, RUSSELL J	MOLECULAR BIOLOGY	20,000
INSTITUTION TOTAL	6	129,250	
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
1F32 EY06290-01	BROTCHIE, PETER R	COGNITION AND PERCEPTION	31,750
1F32 GM13755-01	DRAIN, PETER F	GENETICS	29,250
1F32 EY06228-01A1	KOLAKOWSKI, LEE F, JR	BIOLOGY	20,000
1F32 GM14044-01	MC GUINNESS, BRIAN F	MOLECULAR BIOLOGY	20,000
1F32 EY06297-01	WHITE, CHERYL A	GENERAL PSYCHOLOGICAL AREAS	20,000
INSTITUTION TOTAL	5	121,000	
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH			
1F32 DK08501-01	MATARESE, VALERIE A	BIOCHEMISTRY	20,000
1F32 CA08875-01	MAYER, BRUCE J	MOLECULAR BIOLOGY	21,000
INSTITUTION TOTAL	2	41,000	
CITY TOTAL	13	291,250	

NIH RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
MASSACHUSETTS			
NEWTON			
BOSTON COLLEGE			
1F31 NR06558-01	MAHONEY, MARGARET A	NURSING	12,500
INSTITUTION TOTAL	1	12,500	
CITY TOTAL	1	12,500	
SHREWSBURY			
WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY, INC.			
1F32 AG05517-01	LADINO, CYNTHIA A	CONTACT DERMATITIDES	21,000
INSTITUTION TOTAL	1	21,000	
CITY TOTAL	1	21,000	
WALTHAM			
BRANDEIS UNIVERSITY			
1F32 GM13981-01	MAGRATH, JOE	MEDICINAL/PHARMACEUTICAL CHEMISTRY	21,000
1F32 NS08948-01	SAMSON, MARIE-LAURE H	NEUROBIOLOGY	33,000
INSTITUTION TOTAL	2	54,000	
CITY TOTAL	2	54,000	
WORCESTER			
UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER			
1F32 GM14157-01	ETTER, ELAINE F	PHYSIOLOGY	21,000
1F05 TW04434-01	GUERRERO, AGUSTIN	PHYSIOLOGY	23,800
INSTITUTION TOTAL	2	44,800	
CITY TOTAL	2	44,800	
STATE TOTAL	**49**	**213,836**	
MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN AT ANN ARBOR			
1F05 TW04417-01	FAGBEMI, SHAMUSIDEEN O	PHARMACOLOGY	29,600
1F05 TW04429-01	GUDBRANDSSON, THORKELL	PHYSIOLOGY	28,900
1F32 HD07433-01	I'ANSON, HELEN	OPHTHALMOLOGY	28,000
1F32 HL08243-01	MOURSI, MOHAMMED M	SURGERY	29,250
1F32 DE05584-01	WATAHA, JOHN C	BIOMATERIALS	34,500
INSTITUTION TOTAL	5	150,250	

APPLICATION NUMBER	FELLOW		FIELD OF INTEREST	DOLLARS AWARDED
CITY TOTAL	5	150,250		
MICHIGAN				
EAST LANSING				
MICHIGAN STATE UNIVERSITY				
1F32 HD07445-01	BERGLUND, LEE A		EXPERIMENTAL AND GENERAL PSYCHOLOGY	21,000
1F32 ES05512-01	HARE, MICHAEL F		ENVIRONMENTAL TOXICOLOGY	21,000
1F05 TW04381-01	PRELLER, ANA		NEUROBIOLOGY	24,970
1F32 GM14078-01	SUBERS, EMILY M		PHARMACOLOGY	21,000
INSTITUTION TOTAL	4	87,970		
CITY TOTAL	4	87,970		
STATE TOTAL	**9**	**238,220**		
MINNESOTA				
MINNEAPOLIS				
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL				
1F32 HL08356-01	KEY, NIGEL S		CELL BIOLOGY	34,500
1F32 HL08333-01	RYAN, MICHAEL H		SURGERY	29,250
INSTITUTION TOTAL	2	63,750		
CITY TOTAL	2	63,750		
ROCHESTER				
MAYO FOUNDATION				
1F32 AR08142-01	YOUNG, DAVID R		PHYSIOLOGY	30,500
INSTITUTION TOTAL	1	30,500		
CITY TOTAL	1	30,500		
STATE TOTAL	**3**	**94,250**		
MISSOURI				
COLUMBIA				
UNIVERSITY OF MISSOURI-COLUMBIA				
1F32 GM13772-01A1	SCOTT, JAMIE K		PHARMACOLOGY	31,750
INSTITUTION TOTAL	1	31,750		
CITY TOTAL	1	31,750		

NIH RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
MISSOURI			
SAINT LOUIS			
BETHESDA EYE INSTITUTE			
1F32 EY06280-01	LAZARUS, HOWARD S	OPHTHALMOLOGY	30,500
INSTITUTION TOTAL	1	30,500	
ST. LOUIS UNIVERSITY			
1F32 CA08896-01	HERMISTON, TERRY W	VIROLOGY	20,000
INSTITUTION TOTAL	1	20,000	
WASHINGTON UNIVERSITY			
1F32 EY06258-01	AKATA, RUSTU F	OPHTHALMOLOGY	34,500
1F32 GM13347-01A1	CLARK, ROBERT F	MOLECULAR BIOLOGY	21,000
1F32 AI08042-01A1	DIXIT, ANUPMA B	IMMUNOLOGY	30,000
1F32 HL08332-01	PAYNE, RONALD M	BIOCHEMISTRY	34,500
1F32 DK08524-01	SIMON, THEODORE C	MOLECULAR BIOLOGY	21,000
INSTITUTION TOTAL	5	141,000	
CITY TOTAL	7	191,500	
STATE TOTAL	**8**	**223,250**	
NEBRASKA			
OMAHA			
CREIGHTON UNIVERSITY			
1F32 AR08144-01	RAAB, DIANE M	HISTOLOGY	21,000
INSTITUTION TOTAL	1	21,000	
CITY TOTAL	1	21,000	
STATE TOTAL	**1**	**21,000**	
NEW JERSEY			
NEWARK			
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY			
1F06 TW01608-01A1	STOUT, MARGUERITE A	PHYSIOLOGY	33,000
INSTITUTION TOTAL	1	33,000	
CITY TOTAL	1	33,000	

APPLICATION NUMBER	FELLOW		FIELD OF INTEREST	DOLLARS AWARDED
NEW JERSEY				
PRINCETON				
PRINCETON UNIVERSITY				
1F32 GM14096-01	BOSSIE, MARK A		CELL BIOLOGY	20,000
INSTITUTION TOTAL	1	20,000		
CITY TOTAL	1	20,000		
STATE TOTAL	**2**	**53,000**		
NEW MEXICO				
ALBUQUERQUE				
UNIVERSITY OF NEW MEXICO ALBUQUERQUE				
1F32 ES05515-01	DAVIS, DE ANN P		ENVIRONMENTAL TOXICOLOGY	20,000
INSTITUTION TOTAL	1	20,000		
CITY TOTAL	1	20,000		
STATE TOTAL	**1**	**20,000**		
NEW YORK				
ALBANY				
NEW YORK STATE DEPARTMENT OF HEALTH				
1F32 ES05506-01	OBACH, RONALD S		ENVIRONMENTAL TOXICOLOGY	20,000
INSTITUTION TOTAL	1	20,000		
UNION COLLEGE AND UNIVERSITY--ALBANY MEDICAL COLLEGE OF UNION UNIV				
1F32 GM14025-01	KREIENBERG, PAUL B		PHYSIOLOGY	29,250
1F32 GM14026-01	VINCENT, PETER A		PHYSIOLOGY	28,000
INSTITUTION TOTAL	2	57,250		
CITY TOTAL	3	77,250		
NEW YORK				
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE				
1F05 TW04474-01	CHEN, LI-KUANG		BIOLOGY	27,825
1F32 DK08419-01A1	KNORR, BARBARA A		PHYSIOLOGY	34,500
INSTITUTION TOTAL	2	62,325		
COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK				
1F32 HD07424-01	EPISKOPOU, VASSO		GENETICS	21,000

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
NEW YORK			
NEW YORK			
COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK			
1F32 NS08937-01	FISHMAN, RENATA B	NEUROBIOLOGY	21,000
1F32 HL08284-01	SHREENIWAS, REVATI	PHYSIOLOGY	34,500
1F32 HD07414-01	WINER, MARTIN A	GENETICS	29,250
INSTITUTION TOTAL	4	105,750	
CORNELL UNIVERSITY MEDICAL CENTER			
1F32 HL08251-01	AICHER, SUE A	NEUROLOGY	21,000
1F32 HL08326-01	JESKE, IWONA T	PHYSIOLOGY	21,000
1F32 HL08163-01A1	MAIESE, KENNETH	NEUROBIOLOGY	31,750
INSTITUTION TOTAL	3	73,750	
NEW YORK UNIVERSITY			
1F06 TW01624-01	MCFALL, ELIZABETH	MOLECULAR BIOLOGY	4,545
1F05 TW04468-01	MORENO, CARLOS A	PARASITOLOGY	27,440
INSTITUTION TOTAL	2	31,985	
PUBLIC HEALTH RESEARCH INSTITUTE OF THE CITY OF NEW YORK, INC.			
1F05 TW04413-01	GIULIANO, MARINA	GENETICS	28,600
INSTITUTION TOTAL	1	28,600	
ROCKEFELLER UNIVERSITY			
1F32 HL08360-01	DAMMERMAN, MARILYN M	BIOCHEMISTRY	21,000
1F32 GM13982-01	FROMM, HILLEL	MOLECULAR BIOLOGY	28,000
1F05 TW04432-01	SEO, JEONG-SUN	MOLECULAR BIOLOGY	28,200
INSTITUTION TOTAL	3	77,200	
YESHIVA UNIVERSITY			
1F31 GM13850-01	HSIEH, MARK	BIOCHEMISTRY	29,729
1F05 TW04462-01	STARC, VITO	PHYSIOLOGY	28,750
INSTITUTION TOTAL	2	58,479	
CITY TOTAL	17	438,089	
ROCHESTER			
UNIVERSITY OF ROCHESTER			
1F32 EY06278-01	BRAINARD, DAVID H	GENERAL PSYCHOLOGICAL AREAS	20,000

NIH RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW		FIELD OF INTEREST	DOLLARS AWARDED
NEW YORK				
ROCHESTER				
UNIVERSITY OF ROCHESTER				
1F32 ES05501-01	COHN, JEFFREY		ENVIRONMENTAL TOXICOLOGY	28,000
1F32 NS08906-01	CUNNINGHAM, LEE A		NEUROBIOLOGY	21,000
1F31 NR06309-01A2	THOMPSON, CHERYL A		NURSING	12,500
INSTITUTION TOTAL	4	81,500		
CITY TOTAL	4	81,500		
STONY BROOK				
STATE UNIVERSITY OF NEW YORK AT STONY BROOK				
1F32 HL08361-01	SENSEL, MARTHA G		MOLECULAR BIOLOGY	21,000
INSTITUTION TOTAL	1	21,000		
CITY TOTAL	1	21,000		
STATE TOTAL	**25**	**617,839**		
NORTH CAROLINA				
CHAPEL HILL				
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL				
1F32 HL08276-01	LEFKOWITZ, JERRY B		BIOCHEMISTRY	34,500
1F32 ES05513-01	REARDON, JOYCE T		MUTAGENESIS	21,000
1F32 HL08303-01	SHEHEE, WILLIAM R		PATHOLOGY	21,000
1F31 NR06192-01A2	ZOTTI, MARIANNE E		HEALTH ADMINISTRATION AND PUBLIC HEALTH NURSING	12,500
INSTITUTION TOTAL	4	89,000		
CITY TOTAL	4	89,000		
DURHAM				
DUKE UNIVERSITY				
1F32 HL08336-01	CRIPE, LARRY D		MOLECULAR BIOLOGY	33,000
1F32 GM13687-01A1	HARPER, DAVID S		MOLECULAR BIOLOGY	21,000
1F32 GM14046-01	HAUSER, CHARLES R		MOLECULAR BIOLOGY	20,000
1F05 TW04358-01	LEYTON, LISETTE		OBSTETRICS AND GYNECOLOGY	23,800
1F32 HL08351-01	MAULT, JAMES R		BIOMEDICAL ENGINEERING	28,000
1F32 HL08258-01	TEDDER, MARK		PHYSIOLOGY	28,000
INSTITUTION TOTAL	6	153,800		
CITY TOTAL	6	153,800		

APPLICATION NUMBER	FELLOW		FIELD OF INTEREST	DOLLARS AWARDED
NORTH CAROLINA				
RALEIGH				
UNIVERSITY OF NORTH CAROLINA SYSTEM--NORTH CAROLINA STATE UNIVERSITY AT RALEIGH				
1F32 CA08822-01A1	VADEN, SHELLY L		PHARMACOLOGY	30,500
INSTITUTION TOTAL	1	30,500		
CITY TOTAL	1	30,500		
STATE TOTAL	**11**	**273,300**		
OHIO				
CINCINNATI				
UNIVERSITY OF CINCINNATI AT CINCINNATI				
1F05 TW04487-01	SOSZYNSKI, PIOTR A		ENDOCRINOLOGY	27,900
INSTITUTION TOTAL	1	27,900		
CITY TOTAL	1	27,900		
CLEVELAND				
CASE WESTERN RESERVE UNIVERSITY				
1F35 AI08372-01	MAHANTY, SIDDHARTHA		PARASITOLOGY	33,500
INSTITUTION TOTAL	1	33,500		
CITY TOTAL	1	33,500		
COLUMBUS				
OHIO STATE UNIVERSITY				
1F32 DC00041-01	KACHELE, DIANE L		DEVELOPMENTAL BIOLOGY	21,000
INSTITUTION TOTAL	1	21,000		
CITY TOTAL	1	21,000		
STATE TOTAL	**3**	**82,400**		
OKLAHOMA				
OKLAHOMA CITY				
OKLAHOMA MEDICAL RESEARCH FOUNDATION				
1F32 AR08151-01	CODDING, CHRISTINE E		IMMUNOLOGY	30,500
INSTITUTION TOTAL	1	30,500		

APPLICATION NUMBER	FELLOW		FIELD OF INTEREST	DOLLARS AWARDED
OKLAHOMA				
OKLAHOMA CITY				
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER				
1F32 HL08346-01	CAMP, MARK A		BIOLOGY	30,500
INSTITUTION TOTAL	1	30,500		
CITY TOTAL	2	61,000		
STATE TOTAL	**2**	**61,000**		
OREGON				
CORVALLIS				
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON STATE UNIVERSITY				
1F06 TW01616-01	GERWICK, WILLIAM H		BIOCHEMISTRY	29,532
INSTITUTION TOTAL	1	29,532		
CITY TOTAL	1	29,532		
EUGENE				
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON				
1F32 GM13971-01	HURLEY, JAMES H		BIOPHYSICS	20,000
1F06 TW01615-01	KIMMEL, CHARLES B		BIOLOGY	20,425
INSTITUTION TOTAL	2	40,425		
CITY TOTAL	2	40,425		
PORTLAND				
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY				
1F31 NR06431-01A1	BUTTERFIELD, PATRICIA G		NURSING	12,500
1F06 TW01613-01	KABAT, DAVID		VIROLOGY	18,400
1F06 TW01633-01	WILSON, RICHARD A		EXPERIMENTAL PATHOLOGY	33,376
INSTITUTION TOTAL	3	64,276		
CITY TOTAL	3	64,276		
STATE TOTAL	**6**	**134,233**		
PENNSYLVANIA				
PHILADELPHIA				
HAHNEMANN UNIVERSITY				
1F05 TW04357-01	NICOLELIS, MIGUEL A		NEUROBIOLOGY	27,800
INSTITUTION TOTAL	1	27,800		

NIH RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW		FIELD OF INTEREST	DOLLARS AWARDED
PENNSYLVANIA				
PHILADELPHIA				
MONELL CHEMICAL SENSES CENTER				
1F32 DC00039-01A1	LEFTHERIS, KATERINA		COMMUNICATIVE SCIENCES	21,000
INSTITUTION TOTAL	1	21,000		
THOMAS JEFFERSON UNIVERSITY				
1F33 ES05507-01	GILL, TEJENDRA S		ENVIRONMENTAL TOXICOLOGY	34,500
1F32 HL08340-01	ROUSH, ROBERT K, JR		CELL BIOLOGY	31,750
INSTITUTION TOTAL	2	66,250		
UNIVERSITY OF PENNSYLVANIA				
1F32 HL08335-01	BEERS, MICHAEL F		PHYSIOLOGY	31,750
1F32 GM14142-01	DANOWSKI, BARBARA A		ANATOMY	21,000
1F32 GM13727-01	LOCKE, BRUCE C		PHYSICAL CHEMISTRY	20,000
1F32 CA08906-01	RESTA, REGINA		MOLECULAR BIOLOGY	31,750
INSTITUTION TOTAL	4	104,500		
WILLS EYE HOSPITAL				
1F05 TW04377-01	GOTTLOB, IRENE		PATHOLOGY	28,000
INSTITUTION TOTAL	1	28,000		
CITY TOTAL	9	247,550		
PITTSBURGH				
UNIVERSITY OF PITTSBURGH AT PITTSBURGH				
1F32 EY06275-01	LEVITT, JONATHAN B		NEUROBIOLOGY	20,000
INSTITUTION TOTAL	1	20,000		
CITY TOTAL	1	20,000		
UNIVERSITY PARK				
PENNSYLVANIA STATE UNIVERSITY AT UNIVERSITY PARK				
1F32 GM14013-01	LIOTTA, LOUIS J		BIOCHEMISTRY	20,000
INSTITUTION TOTAL	1	20,000		
CITY TOTAL	1	20,000		
STATE TOTAL	**11**	**287,550**		

APPLICATION NUMBER	FELLOW		FIELD OF INTEREST	DOLLARS AWARDED
RHODE ISLAND				
PROVIDENCE				
BROWN UNIVERSITY				
1F32 GM14071-01	LAMBERSON, CAROL R		ORGANIC CHEMISTRY	20,000
1F32 DC00042-01	MAGEN, HARRIET S		LINGUISTICS	21,000
INSTITUTION TOTAL	2	41,000		
CITY TOTAL	2	41,000		
STATE TOTAL	**2**	**41,000**		
TENNESSEE				
NASHVILLE				
VANDERBILT UNIVERSITY				
1F33 HL08191-01	SHIAVI, RICHARD G		BIOMEDICAL ENGINEERING	23,000
1F32 AR08146-01	TIMERMAN , ANTHONY P		BIOCHEMISTRY	21,000
1F32 NS08901-01	WASSMER, GARY T		PHYSIOLOGICAL PSYCHOLOGY AND PSYCHOBIOLOGY	20,000
INSTITUTION TOTAL	3	64,000		
CITY TOTAL	3	64,000		
STATE TOTAL	**3**	**64,000**		
TEXAS				
AUSTIN				
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN				
1F32 NS08938-01	ASTROW, STEPHANIE H		NEUROBIOLOGY	21,000
1F32 HD07493-01	SWALLA, BILLIE J		ZOOLOGY	28,000
INSTITUTION TOTAL	2	49,000		
CITY TOTAL	2	49,000		
COLLEGE STATION				
TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM--TEXAS A & M UNIVERSITY AT COLLEGE STATION				
1F06 TW01606-01	BALDWIN, THOMAS O		BIOCHEMISTRY	13,341
1F32 HL08345-01	DE FILY, DAVID V		PHYSIOLOGY	21,000
1F31 GM13495-01	STEPHENS, AVERY W		PHYSICAL CHEMISTRY	16,500
INSTITUTION TOTAL	3	50,841		
CITY TOTAL	3	50,841		

APPLICATION NUMBER	FELLOW		FIELD OF INTEREST	DOLLARS AWARDED
TEXAS				
DALLAS				
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS				
1F32 AR08156-01	KIM, LAWRENCE T		CELL BIOLOGY	29,250
1F32 HD07411-01	NORMINGTON, KARL D		BIOCHEMICAL AND MOLECULAR GENETICS	21,000
INSTITUTION TOTAL	2	50,250		
CITY TOTAL	2	50,250		
HOUSTON				
BAYLOR COLLEGE OF MEDICINE				
1F32 HL08310-01	BURCH, PAULA E		CELL BIOLOGY	21,000
1F32 AI07879-01A1	HAMEED, ARIF		IMMUNOLOGY	34,500
1F32 GM13894-01	KAY, MARK A		MOLECULAR BIOLOGY	30,500
1F32 HL08363-01	KOZAR, ROSEMARY A		INTERNAL MEDICINE	30,500
INSTITUTION TOTAL	4	116,500		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON				
1F06 TW01626-01	CLARK, RICHARD B		BIOCHEMISTRY	22,263
INSTITUTION TOTAL	1	22,263		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER				
1F32 HD07418-01	MILLER, DAVID J		BIOCHEMISTRY	21,000
INSTITUTION TOTAL	1	21,000		
CITY TOTAL	6	159,763		
STATE TOTAL	**13**	**309,854**		
UTAH				
SALT LAKE CITY				
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH				
1F32 NS08899-01	MAERTENS, STEVEN R		NEUROBIOLOGY	29,250
INSTITUTION TOTAL	1	29,250		
CITY TOTAL	1	29,250		
STATE TOTAL	**1**	**29,250**		
VERMONT				
BURLINGTON				
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE				
1F06 TW01620-01	GENNARI, F JOHN		PHYSIOLOGY	9,839

APPLICATION NUMBER	FELLOW		FIELD OF INTEREST	DOLLARS AWARDED
INSTITUTION TOTAL	1	9,839		
CITY TOTAL	1	9,839		
STATE TOTAL	**1**	**9,839**		
VIRGINIA				
CHARLOTTESVILLE				
UNIVERSITY OF VIRGINIA CHARLOTTESVILLE				
1F32 HD07236-01	BRUNK, BRIAN P		BIOLOGY	28,000
1F32 GM13976-01	PANCRAZIO, JOSEPH J		NEUROBIOLOGY	20,000
INSTITUTION TOTAL	2	48,000		
CITY TOTAL	2	48,000		
RICHMOND				
VIRGINIA COMMONWEALTH UNIVERSITY				
1F06 TW01627-01	GRAHAM, MARTIN F		CELL BIOLOGY	18,738
1F32 NS08902-01	WALLACE, MARK T		PHYSIOLOGY	20,000
INSTITUTION TOTAL	2	38,738		
CITY TOTAL	2	38,738		
STATE TOTAL	**4**	**86,738**		
WASHINGTON				
SEATTLE				
FRED HUTCHINSON CANCER RESEARCH CENTER				
1F32 NR06405-01A1	COXON, VALERIE J		NURSING	20,000
1F32 CA08922-01	VIRGIN, JEFFREY B		GENETICS	30,500
INSTITUTION TOTAL	2	50,500		
SEATTLE BIOMEDICAL RESEARCH INSTITUTE				
1F05 TW04346-01	DA SILVA, JOAO		IMMUNOLOGY	27,000
1F32 AI08116-01A1	TRIPP, CYNTHIA A		MOLECULAR BIOLOGY	28,000
INSTITUTION TOTAL	2	55,000		
UNIVERSITY OF WASHINGTON				
1F05 TW04391-01	BEHERA, DIGAMBAR		PHYSIOLOGY	29,000
1F32 GM13975-01	BOOKBINDER, LOUIS H		PHARMACOLOGY	20,000

APPLICATION NUMBER	FELLOW		FIELD OF INTEREST	DOLLARS AWARDED
WASHINGTON				
SEATTLE				
UNIVERSITY OF WASHINGTON				
1F06 TW01617-01	BRESLOW, NORMAN E		BIOSTATISTICS	13,750
1F32 NR06537-01	DOUGHERTY, CYNTHIA M		NURSING	20,000
1F32 AI08138-01	GROSS, MARY K		PHARMACOLOGY	21,000
1F32 DC00040-01	LACHICA, EDWARD A		COMMUNICATIVE SCIENCES	21,000
1F32 CA08878-01	SEELEY, TODD W		CELL BIOLOGY	20,000
INSTITUTION TOTAL	7	144,750		
VIRGINIA MASON RESEARCH CENTER				
1F05 TW04360-01	DONADI, EDUARDO A		CELL BIOLOGY	28,150
INSTITUTION TOTAL	1	28,150		
CITY TOTAL	12	278,400		
STATE TOTAL	**12**	**278,400**		
WISCONSIN				
MADISON				
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON				
1F31 NR06572-01	KANG, DUCK-HEE		NURSING	12,500
1F32 AG05526-01	KIM, CHARLENE B Y		NEUROBIOLOGY	20,000
1F32 HD07085-01A1	MILETIC, GORDANA		REHABILITATION	30,500
INSTITUTION TOTAL	3	63,000		
CITY TOTAL	3	63,000		
STATE TOTAL	**3**	**63,000**		
PUERTO RICO				
SAN JUAN				
UNIVERSITY OF PUERTO RICO RIO PIEDRAS				
1F34 GM13926-01	ROBLEDO, IRAIDA E		MICROBIOLOGY	25,452
INSTITUTION TOTAL	1	25,452		
CITY TOTAL	1	25,452		
STATE TOTAL	**1**	**25,452**		
CANADA				
MONTREAL				
MC GILL UNIVERSITY				
1F32 NS08920-01	CULLEN, KATHLEEN E		NEUROBIOLOGY	17,000

APPLICATION NUMBER	FELLOW		FIELD OF INTEREST	DOLLARS AWARDED
INSTITUTION TOTAL	1	17,000		
CITY TOTAL	1	17,000		
STATE TOTAL	**1**	**17,000**		
NEW ZEALAND				
DUNEDIN				
UNIVERSITY OF OTAGO				
1F05 TW04428-01	CROWE, WILLIAM E		BIOPHYSICS	25,270
INSTITUTION TOTAL	1	25,270		
CITY TOTAL	1	25,270		
STATE TOTAL	**1**	**25,270**		
SWITZERLAND				
ZURICH				
SWISS FEDERAL INSTITUTE OF TECHNOLOGY				
1F32 AI08296-01	BUSHWELLER, JOHN H		CHEMISTRY	20,000
INSTITUTION TOTAL	1	20,000		
CITY TOTAL	1	20,000		
STATE TOTAL	**1**	**20,000**		
UNITED KINGDOM				
CARDIFF				
UNIVERSITY OF WALES				
1F06 TW01625-01	MEIS, PAUL J		EPIDEMIOLOGY	8,970
INSTITUTION TOTAL	1	8,970		
CITY TOTAL	1	8,970		
OXFORD				
UNIVERSITY OF OXFORD				
1F32 AR08158-01	MATTHEWS, PAUL M		MOLECULAR BIOLOGY	30,000
INSTITUTION TOTAL	1	30,000		
CITY TOTAL	1	30,000		
STATE TOTAL	**2**	**38,970**		

NIH RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
TOTAL	301		7,325,076

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
ALABAMA			
BIRMINGHAM			
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM			
1K16 DE00279-01	JEFFCOAT, MARJORIE K	DENTIST SCIENTIST AWARD	130,464
INSTITUTION TOTAL	1	130,464	
CITY TOTAL	1	130,464	
MOBILE			
UNIVERSITY OF SOUTH ALABAMA			
1K04 DC00042-01	SINNOTT, JOAN M	COMPARATIVE AUDITORY PROCESSING	48,988
INSTITUTION TOTAL	1	48,988	
CITY TOTAL	1	48,988	
STATE TOTAL	**2**	**179,452**	
CALIFORNIA			
IRVINE			
J. DAVID GLADSTONE FOUNDATION FOR CARDIOVASCULAR DISEASE			
1K08 HL02463-01	LOPEZ, JOSE A	STRUCTURE & FUNCTION OF THE PLATELET GP IB-IX COMPLEX	54,000
INSTITUTION TOTAL	1	54,000	
CITY TOTAL	1	54,000	
LOS ANGELES			
UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
1K11 DK01997-01	NAKAMOTO, JON M	MOLECULAR BASIS OF PSEUDOHYPOPARATHYROIDISM TYPE IA	63,504
INSTITUTION TOTAL	1	63,504	
CITY TOTAL	1	63,504	
SAN DIEGO			
UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
1K08 NS01442-01	GRAFE, MARJORIE R	EFFECTS OF HYPOXIC/ISCHEMIC INJURY ON THE NEONATAL BRAIN	63,738
INSTITUTION TOTAL	1	63,738	
CITY TOTAL	1	63,738	
SAN FRANCISCO			
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
1K08 HL02448-01	CAMACHO, S ALBERT	METABOLIC REGULATION OF MYOCARDIAL CONTRACTILITY	63,612

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
CALIFORNIA			
SAN FRANCISCO			
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
1K11 HL02487-01	HUNG, DAVID T	MOLECULAR MECHANISMS OF THROMBIN ACTION	63,720
1K07 HL02081-01A1	SIEGEL, DAVID	PREVENTIVE CARDIOLOGY ACADEMIC AWARD	85,849
INSTITUTION TOTAL	3	213,181	
CITY TOTAL	3	213,181	
STANFORD			
STANFORD UNIVERSITY			
1K08 DK01948-01	COHEN, MITCHELL L	MOLECULAR REGULATION OF INTESTINAL AMINOOLIGOPEPTIDASE	77,013
1K08 NS01425-01	GIFFARD, RONA G	ANESTHETICS AND ISCHEMIC NEURONAL INJURY IN VITRO	66,096
1K11 HL02361-01A1	KINDMAN, L ALLEN	CALCIUM SPIKING IN NEUROENDOCRINE SIGNALING	66,174
1K08 HD00891-01	RHINE, WILLIAM D	BILIRUBIN ENCEPHALOPATHY--MODELS AND METABOLIC STUDIES	64,476
1K08 AG00495-01	WEISS, JOHN H	CHRONIC NEUROTOXICITY OF BMAA AND NON NMDA AGONISTS	66,174
INSTITUTION TOTAL	5	339,933	
CITY TOTAL	5	339,933	
STATE TOTAL	**11**	**734,356**	
COLORADO			
DENVER			
NATIONAL JEWISH CENTER FOR IMMUNOLOGY AND RESPIRATORY MEDICINE			
1K08 HL02225-01A1	FERGUSON, GARY T	RESPIRATORY MUSCLE DYSFUNCTION AND RESPIRATORY FAILURE	54,000
1K08 HL02423-01	MC CORMACK, FRANCIS X	STRUCTURE/FUNCTION RELATIONSHIPS OF SURFACTANT PROTEIN A	53,784
1K08 HL02254-01A1	WENZEL, SALLY E	MACROPHAGES, MAST CELLS AND THE LATE ASTHMATIC RESPONSE	54,000
INSTITUTION TOTAL	3	161,784	
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO HEALTH SCIENCES CENTER			
1K07 HL02036-01A2	AMBRUSO, DANIEL R	TRANSFUSION MEDICINE ACADEMIC AWARD	86,477
1K08 HL02408-01	BADESCH, DAVID B	HYPERTENSIVE PULMONARY VASCULAR REMODELING--ROLE OF IGF	64,399
1K08 AR01828-01A1	MORELLI, JOSEPH G	UV LIGHT INDUCED EICOSANOID FORMATION AND METABOLISM	77,123
1K08 HL02375-01	TERADA, LANCE S	XANTHINE OXIDASE INDUCED LUNG INJURY	66,323
INSTITUTION TOTAL	4	294,322	
CITY TOTAL	7	456,106	
STATE TOTAL	**7**	**456,106**	

NIH RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE		PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
CONNECTICUT				
NEW HAVEN				
YALE UNIVERSITY				
1K11 HL02492-01	BRUECKNER, MARTINA		GENETIC CONTROL OF CARDIAC AND VISCERAL ASYMMETRY	66,096
1K11 DK01946-01	MC CONNELL, KEVIN R		MOLECULAR BIOLOGY OF ANION TRANSPORT IN MAMMALIAN KIDNEY	81,249
INSTITUTION TOTAL	2	147,345		
CITY TOTAL	2	147,345		
STATE TOTAL	**2**	**147,345**		
DISTRICT OF COLUMBIA				
WASHINGTON				
HOWARD UNIVERSITY				
1K07 HL02269-01	RANDALL, OTELIO S		PREVENTIVE CARDIOLOGY ACADEMIC AWARD	100,869
INSTITUTION TOTAL	1	100,869		
CITY TOTAL	1	100,869		
STATE TOTAL	**1**	**100,869**		
GEORGIA				
ATLANTA				
EMORY UNIVERSITY				
1K04 HL02414-01	RUNGE, MARSCHALL S		FIBRIN BINDING SITES AND PLASMINOGEN ACTIVATOR CATALYSIS	65,880
INSTITUTION TOTAL	1	65,880		
UNIVERSITY SYSTEM OF GEORGIA--GEORGIA STATE UNIVERSITY				
1K04 DC00002-01	DERBY, CHARLES D		MIXTURE INTERACTIONS IN OLFACTION--EFFECTS & MECHANISMS	68,040
INSTITUTION TOTAL	1	68,040		
CITY TOTAL	2	133,920		
STATE TOTAL	**2**	**133,920**		
ILLINOIS				
CHICAGO				
CHILDREN'S MEMORIAL HOSPITAL				
1K08 AR01811-01A1	PALLER, AMY S		GANGLIOSIDES AND EPIDERMAL GROWTH AND DIFFERENTIATION	73,440
INSTITUTION TOTAL	1	73,440		
CITY TOTAL	1	73,440		

GRANT NUMBER	AWARDEE		PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
STATE TOTAL	1	73,440		
IOWA				
IOWA CITY				
UNIVERSITY OF IOWA				
1K08 HL02519-01	STEIN, MICHAEL A		CORONARY VASCULAR PERMEABILITY & ENDOTHELIAL DYSFUNCTION	64,800
INSTITUTION TOTAL	1	64,800		
CITY TOTAL	1	64,800		
STATE TOTAL	**1**	**64,800**		
LOUISIANA				
NEW ORLEANS				
TULANE UNIVERSITY OF LOUISIANA				
1K04 HL02520-01	CLARKSON, CRAIG W		MECHANISMS OF COCAINE CARDIOTOXICITY	66,744
INSTITUTION TOTAL	1	66,744		
CITY TOTAL	1	66,744		
STATE TOTAL	**1**	**66,744**		
MARYLAND				
BALTIMORE				
JOHNS HOPKINS UNIVERSITY				
1K08 AI00982-01	FLEXNER, CHARLES W		INHIBITION OF LENTIVIRUS ENVELOPE-MEDIATED CELL FUSION	64,150
1K08 AG00497-01	KATZEL, LESLIE I		DYSLIPOPROTEINEMIA IN OLDER MEN WITH SILENT ISCHEMIA	64,584
1K11 HL02417-01	LINDEMAN, KAREN S		MECHANISMS OF CAL. CHELATOR-INDUCED AIRWAY CONSTRICTION	64,459
1K08 AG00494-01	PRATLEY, RICHARD E		METABOLIC FUNCTION IN ELDERLY HYPERTENSIVES	64,584
INSTITUTION TOTAL	4	257,777		
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOL				
1K11 HL02466-01	BALKE, C WILLIAM		CELLULAR MECHANISMS OF DELAYED AFTERDEPOLARIZATIONS	72,101
INSTITUTION TOTAL	1	72,101		
CITY TOTAL	5	329,878		
STATE TOTAL	**5**	**329,878**		
MASSACHUSETTS				
BOSTON				
BETH ISRAEL HOSPITAL				
1K11 HL02240-01A1	MARTIN, THOMAS R		IGE/MAST CELL-DEPENDENT EFFECTS ON PULMONARY FUNCTION	74,546

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
INSTITUTION TOTAL 1	74,546		
MASSACHUSETTS			
BOSTON			
BOSTON UNIVERSITY			
1K08 DK01902-01A1	CHIPKIN, STUART R	GLUCOCORTICOIDS AND HEXOSE TRANSPORT ACROSS THE BBB	75,341
INSTITUTION TOTAL 1	75,341		
BRIGHAM AND WOMEN'S HOSPITAL			
1K08 HL02429-01	HIRSCH, ALAN T	TISSUE RENIN-ANGIOTENSIN--NORMAL HEART VS. HEART FAILURE	64,800
1K08 HL02371-01A1	JARCHO, JOHN A	GENETIC STUDY OF FAMILIAL HYPERTROPHIC CARDIOMYOPATHY	64,800
1K11 HL02514-01	LOH, EVAN	RECEPTORS, G PROTEINS, AND CARDIAC TRANSPLANTATION	76,950
1K11 CA01492-01	WEN, PATRICK Y	IMMUNOTHERAPY FOR MALIGNANT GLIOMAS	67,447
INSTITUTION TOTAL 4	273,997		
CHILDREN'S HOSPITAL			
1K12 DK01977-01	LUX, SAMUEL E	PROGRAM PHYSICAL SCIENTIST AWARD	74,304
1K08 HL02380-01	SAUL, JEROME P	SHORT-TERM MODULATION OF AUTONOMIC FUNCTION	63,504
INSTITUTION TOTAL 2	137,808		
DANA-FARBER CANCER INSTITUTE			
1K08 CA01422-01A2	DRUKER, BRIAN J	GENETIC ANALYSIS OF THE ACTIVATION OF A TYROSINE KINASE	64,161
1K11 CA01505-01	LO, KWOK M	MOLECULAR MECHANISM OF HTLV-I LEUKEMOGENESIS	70,349
INSTITUTION TOTAL 2	134,510		
HARVARD UNIVERSITY			
1K08 AG00455-01	DAVIS, KENNETH M	PHYSIOLOGY OF VOLUME REGULATION	58,104
1K16 DE00275-01	WILLIAMS, RAY C	DENTAL SCIENTIST	135,712
INSTITUTION TOTAL 2	193,816		
MASSACHUSETTS GENERAL HOSPITAL			
1K08 AI00974-01	CHANG, TIEN-LAN	HELPER T CELLS IN MUCOSAL IMMUNE RESPONE	66,878
1K08 DK01952-01	LIANG, JAKE T	PATHOGENESIS OF IDIOPATHIC LIVER DISEASE	74,943
1K11 HL02508-01	LIAO, JAMES K	ROLE OF GTP-BINDING PROTEINS IN MEDIATING EDRF RELEASE	79,361
INSTITUTION TOTAL 3	221,182		
NEW ENGLAND MEDICAL CENTER HOSPITALS, INC.			
1K08 NS01390-01A1	KAYE, EDWARD M	MOLECULAR GENETIC STUDIES OF HUMAN GM1 GANGLION	61,344

GRANT NUMBER	AWARDEE		PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
MASSACHUSETTS				
BOSTON				
NEW ENGLAND MEDICAL CENTER HOSPITALS, INC.				
1K11 HL02504-01	LIMENTANI, STEVEN A		GLA DOMAIN IN BLOOD CLOTTING PROTEINS	61,344
INSTITUTION TOTAL	2	122,688		
CITY TOTAL	17	233,888		
WORCESTER				
UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER				
1K08 DK02005-01	FARWELL, ALAN P		HORMONE ACTION IN THE CENTRAL NERVOUS SYSTEM	76,609
INSTITUTION TOTAL	1	76,609		
CITY TOTAL	1	76,609		
STATE TOTAL	**18**	**310,497**		
MICHIGAN				
ANN ARBOR				
UNIVERSITY OF MICHIGAN AT ANN ARBOR				
1K08 DK01903-01A1	DICKINSON, CHRIS J		REGULATION OF GASTRIN POST-TRANSLATIONAL PROCESSING	75,168
1K08 CA01479-01A1	MARKOVITZ, DAVID M		CELLULAR FACTORS INVOLVED IN HIV GENE REGULATION	64,800
1K08 DC00001-01	TELIAN, STEVEN A		HABITUATION THERAPY FOR CHRONIC VESTIBULAR DYSFUNCTION	69,066
1K08 CA01511-01	WEBER, BARBARA L		MOLECULAR CLONING AND REGULATION OF MAMMASTATIN	64,368
INSTITUTION TOTAL	4	273,402		
CITY TOTAL	4	273,402		
EAST LANSING				
MICHIGAN STATE UNIVERSITY				
1K07 HL02342-01A1	BULL, ROBERT W		TRANSFUSION MEDICINE ACADEMIC AWARD	91,800
INSTITUTION TOTAL	1	91,800		
CITY TOTAL	1	91,800		
STATE TOTAL	**5**	**365,202**		
MINNESOTA				
MINNEAPOLIS				
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL				
1K08 AG00453-01	BOULT, CHARLES E		PREDICTORS OF FUNCTIONAL ABILITY	61,992

NIH RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
MINNESOTA			
MINNEAPOLIS			
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL			
1K11 DK01935-01A1	DUVALL, MICHAEL D	REGULATION OF ION TRANSPORT ACROSS PORCINE GALLBLADDER	58,040
1K16 DE00270-01	HERZBERG, MARK C	DENTIST-SCIENTIST AWARD	123,571
1K04 GM00559-01	LIU, HUNG-WEN	MECHANISTIC STUDY OF RADICALS IN BIOLOGY CATALYSIS	70,200
INSTITUTION TOTAL	4	313,803	
CITY TOTAL	4	313,803	
STATE TOTAL	**4**	**313,803**	
MISSOURI			
COLUMBIA			
UNIVERSITY OF MISSOURI-COLUMBIA			
1K04 DK02006-01	MILANICK, MARK A	MECHANISM OF THE CA/H EXCHANGE PUMP	54,000
INSTITUTION TOTAL	1	54,000	
CITY TOTAL	1	54,000	
SAINT LOUIS			
WASHINGTON UNIVERSITY			
1K08 AI00973-01	CHAMBERS, THOMAS J	PROTEOLYTIC CONTROL OF FLAVIVIRUS POLYPROTEIN PROCESSING	53,142
1K11 AI00972-01	MCNEARNEY, TERRY ANN	MOLECULAR BASIS OF HIV-1 CELL SPECIFIC TROPISM	67,338
1K04 AR01849-01	PENTLAND, ALICE P	MECHANISMS OF ENHANCED EICOSANOID SYNTHESIS IN UV INJURY	60,273
1K08 NS01443-01	YAMADA, KELVIN A	GLUTAMATE RECEPTOR MODULATION IN NEURONS	60,329
INSTITUTION TOTAL	4	241,082	
CITY TOTAL	4	241,082	
STATE TOTAL	**5**	**295,082**	
NEW MEXICO			
ALBUQUERQUE			
UNIVERSITY OF NEW MEXICO ALBUQUERQUE			
1K07 HL02474-01	COULTAS, DAVID B	PREVENTIVE PULMONARY ACADEMIC AWARD	63,612
INSTITUTION TOTAL	1	63,612	
CITY TOTAL	1	63,612	
STATE TOTAL	**1**	**63,612**	

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
NEW YORK			
BUFFALO			
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE			
1K11 CA01572-01	CALIGIURI, MICHAEL A	CHARACTERIZATION OF THYMIC DERIVED NK CELLS	77,937
INSTITUTION TOTAL	1	77,937	
CITY TOTAL	1	77,937	
NEW YORK			
CORNELL UNIVERSITY MEDICAL CENTER			
1K08 DK01992-01	DANNENBERG, ANDREW J	MODULATION OF XENOBIOTIC TOXICITY BY DIET	76,896
INSTITUTION TOTAL	1	76,896	
PUBLIC HEALTH RESEARCH INSTITUTE OF THE CITY OF NEW YORK, INC.			
1K11 AI00944-01A1	WADE, NANCY A	GENETIC POLYMORPHISM OF CD4 AND CD8 RELATIONSHIP TO AIDS	61,906
INSTITUTION TOTAL	1	61,906	
ST. LUKE'S-ROOSEVELT INSTITUTE FOR HEALTH SCIENCES			
1K08 HL02483-01	BHATTACHARYA, SUNITA	MICROPUNCTURE STUDIES OF LUNG SEGMENTAL VASOACTIVITY	64,152
INSTITUTION TOTAL	1	64,152	
YESHIVA UNIVERSITY			
1K08 DK01984-01	BRION, LUC P	REGULATION AND DEVELOPMENT OF RENAL ACID-BASE TRANSPORT	76,296
1K11 CA01503-01	ZUCKIER, LIONEL S	MONOCLONAL ANTIBODY IMAGING IN NUCLEAR MEDICINE	66,096
INSTITUTION TOTAL	2	142,392	
CITY TOTAL	5	345,346	
ROCHESTER			
UNIVERSITY OF ROCHESTER			
1K11 HL02498-01	KELLER, BRADLEY B	VENTRICULAR MECHANICS IN THE CHICK EMBRYO	64,005
INSTITUTION TOTAL	1	64,005	
CITY TOTAL	1	64,005	
SYRACUSE			
STATE UNIVERSITY OF NEW YORK--HEALTH SCIENCE CENTER AT SYRACUSE			
1K07 HL02078-01A2	KAVEY, RAE-ELLEN W	PREVENTIVE CARDIOLOGY ACADEMIC AWARD	84,475
INSTITUTION TOTAL	1	84,475	
CITY TOTAL	1	84,475	

GRANT NUMBER	AWARDEE		PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
NEW YORK				
VALHALLA				
NEW YORK MEDICAL COLLEGE				
1K07 HL02318-01A1	MAGUIRE, GEORGE P		PREVENTIVE PULMONARY ACADEMIC AWARD	87,904
INSTITUTION TOTAL	1	87,904		
CITY TOTAL	1	87,904		
STATE TOTAL	**9**	**659,667**		
NORTH CAROLINA				
DURHAM				
DUKE UNIVERSITY				
1K04 HD00901-01	FREEMARK, MICHAEL S		ROLE OF PLACENTAL LACTOGEN IN FETAL DEVELOPMENT	66,096
1K08 AR01847-01	GILKESON, GARY S		IMMUNOPATHOGENESIS OF INDUCED ANTI-DNA RESPONSES	74,606
1K12 DK01965-01	KREDICH, NICHOLAS M		PROGRAM PHYSICIAN SCIENTIST AWARD	61,156
1K08 ES00198-01	SCHAPIRA, RALPH M		GROWTH FACTOR SECRETION IN DUST-INDUCED LUNG DISEASE	63,806
1K08 HL02490-01	SCHWINN, DEBRA A		MOLECULAR CHARACTERIZATION--ALPHA 1-ADRENERGIC RECEPTOR	63,806
INSTITUTION TOTAL	5	329,470		
CITY TOTAL	5	329,470		
STATE TOTAL	**5**	**329,470**		
OHIO				
COLUMBUS				
OHIO STATE UNIVERSITY				
1K04 CA01497-01	AU, JESSIE L		PHARMACODYNAMICS OF AGENTS FOR BLADDER CANCER	64,868
INSTITUTION TOTAL	1	64,868		
CITY TOTAL	1	64,868		
STATE TOTAL	**1**	**64,868**		
PENNSYLVANIA				
PHILADELPHIA				
TEMPLE UNIVERSITY				
1K11 CA01514-01	ANDREWS, DAVID W		MOLECULAR PATHOGENESIS OF HUMAN PRIMARY BRAIN TUMORS	66,096
INSTITUTION TOTAL	1	66,096		
UNIVERSITY OF PENNSYLVANIA				
1K11 HL02464-01	ABRAMS, CHARLES S		MOLECULAR ANALYSIS--FIBRINOGEN/GP IIB-IIIA INTERACTION	84,433

GRANT NUMBER	AWARDEE		PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
PENNSYLVANIA				
PHILADELPHIA				
UNIVERSITY OF PENNSYLVANIA				
1K08 DC00039-01	GROSSMAN, MURRAY		PHYSIOLOGIC BASIS FOR NEUROLINGUISTIC IMPAIRMENTS	66,744
1K08 HD00882-01A1	MC CRAE, KEITH R		IMMUNE TROPHOBLAST INJURY	66,776
1K08 HL02424-01	MURRAY, RICHARD K		AIRWAY SMOOTH MUSCLE	66,478
1K08 AG00487-01	STINEMAN, MARGARET G		GERIATRIC-REHABILITATION PROGNOSTIC STAGING SYSTEM	66,686
INSTITUTION TOTAL	5	351,117		
CITY TOTAL	6	417,213		
PITTSBURGH				
UNIVERSITY OF PITTSBURGH AT PITTSBURGH				
1K08 CA01490-01	BAHNSON, ROBERT R		METALLOTHIONEIN AND CYTOTOXIC DRUG RESISTANCE	67,392
1K01 AG00491-01	BURGIO, LOUIS D		URINARY INCONTINENCE IN THE NURSING HOME	69,594
1K08 DK01954-01	ROBERTS, MICHELLE M		PHYSIOLOGY AND PATHOPHYSIOLOGY OF VASOPRESSIN SYNTHESIS	76,896
INSTITUTION TOTAL	3	213,882		
CITY TOTAL	3	213,882		
UNIVERSITY PARK				
PENNSYLVANIA STATE UNIVERSITY AT UNIVERSITY PARK				
1K04 AI00964-01	WHITTAM, THOMAS S		CLONAL STRUCTURE OF PATHOGENIC E. COLI	70,578
INSTITUTION TOTAL	1	70,578		
CITY TOTAL	1	70,578		
STATE TOTAL	**10**	**701,673**		
TENNESSEE				
NASHVILLE				
MEHARRY MEDICAL COLLEGE				
1K14 HL02482-01	CLARK, JOHN T		MINORITY SCHOOL FACULTY DEVELOPMENT AWARD	71,478
INSTITUTION TOTAL	1	71,478		
VANDERBILT UNIVERSITY				
1K11 HL02499-01	MORROW, JASON D		BIOCHEMICAL PHARMACOLOGY OF NIACIN	67,769
INSTITUTION TOTAL	1	67,769		
CITY TOTAL	2	139,247		
STATE TOTAL	**2**	**139,247**		

NIH RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
TEXAS			
DALLAS			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS			
1K08 HL02456-01	DENKE, MARGO A	DIET & DRUG RESPONSIVENESS IN HYPERCHOLESTEROLEMIC WOMEN	54,000
INSTITUTION TOTAL	1	54,000	
CITY TOTAL	1	54,000	
GALVESTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH			
1K07 HL02440-01	WOLF, WENDY J	PREVENTIVE CARDIOLOGY ACADEMIC AWARD	89,612
INSTITUTION TOTAL	1	89,612	
CITY TOTAL	1	89,612	
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
1K08 HL02537-01	BALLANTYNE, CHRISTIE M	MOLECULAR STUDIES OF ENDOTHELIAL ADHESION MOLECULES	64,140
INSTITUTION TOTAL	1	64,140	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON			
1K07 HL02435-01	FUENTES, FRANCISCO	PREVENTIVE CARDIOLOGY ACADEMIC AWARD	104,195
INSTITUTION TOTAL	1	104,195	
CITY TOTAL	2	168,335	
STATE TOTAL	**4**	**311,947**	
UTAH			
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
1K04 DK01942-01	PARKER, CHARLES J	CHARACTERIZATION OF ERYTHROCYTE INHIBITOR	70,200
INSTITUTION TOTAL	1	70,200	
CITY TOTAL	1	70,200	
STATE TOTAL	**1**	**70,200**	
WASHINGTON			
SEATTLE			
FRED HUTCHINSON CANCER RESEARCH CENTER			
1K08 CA01483-01	SANDMAIER, BRENDA M	MECHANISM OF ANTIBODY FACILITATED MARROW ENGRAFTMENT	62,554

GRANT NUMBER	AWARDEE		PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
INSTITUTION TOTAL	1	62,554		
WASHINGTON				
SEATTLE				
UNIVERSITY OF WASHINGTON				
1K07 HL02321-01A1	BARNHART, SCOTT		PREVENTIVE PULMONARY ACADEMIC AWARD	73,294
1K12 DK01964-01	BIERMAN, EDWIN L		PROGRAM PHYSICIAN SCIENTIST AWARD	65,232
1K08 HL02507-01	DOMINO, KAREN B		VENTILATION PERFUSION HETEROGENEITY	63,072
1K04 GM00562-01	GELB, MICHAEL H		RCDA IN ENZYMOLOGY AND PROTEIN ISOPRENYLATION	65,340
1K07 NR00030-01	JORDAN, PAMELA L		EXPECTANT/NEW FATHERS AT RISK	64,215
1K04 AR01837-01	MOON, RANDALL T		INHIBITION OF NONERYTHROID SPECTRIN BY ANTISENSE RNA	65,157
INSTITUTION TOTAL	6	396,310		
CITY TOTAL	7	458,864		
STATE TOTAL	**7**	**458,864**		
WISCONSIN				
MADISON				
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON				
1K07 AG00485-01	ERSHLER, WILLIAM B		GERIATRIC LEADERSHIP ACADEMIC AWARD	80,005
INSTITUTION TOTAL	1	80,005		
CITY TOTAL	1	80,005		
MILWAUKEE				
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MILWAUKEE				
1K08 DC00003-01	CRAIG, CHIE H		SPEECH RESTORATION AND REAL-TIME UNDERSTANDING	74,185
INSTITUTION TOTAL	1	74,185		
CITY TOTAL	1	74,185		
STATE TOTAL	**2**	**154,190**		
TOTAL	**107**	**7,525,232**		

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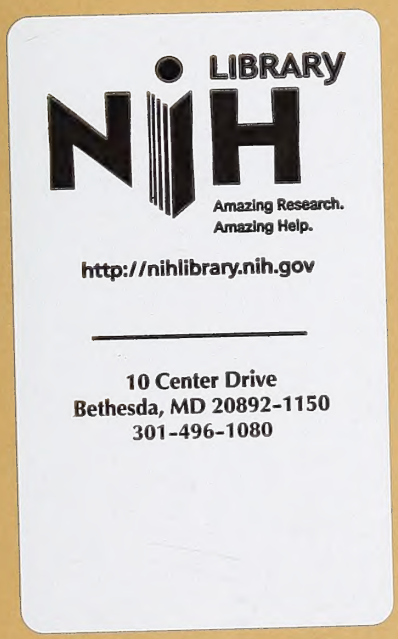

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